

Green Infrastructure & Natural Capital Resource Library (GIRL)



This unique database of documents, case-studies, videos, tools and other information about Green Infrastructure and its benefits is produced by Dr Ingo Schüder of [Brillianto](#). (we are grateful for funding received from the TCPA from 2017-2024). The alternative format of the [GIRL searchable database](#) contains identical items.

Green Infrastructure – Green Spaces – Natural Capital – Ecosystem Services – Nature-based solutions

Strategy development and implementation, national and international policy.

Version 65 (January 2026)

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Recommended (any type)



Case study



Tool



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Conference Proceedings (e.g., ppt)

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New in this issue

- [Progress in improving the natural environment in England 2024/2025](#) (Office for Environmental Protection, 2026)
- [The role of natural capital in the UK's green economy](#) (Environmental Audit Committee; UK House of Commons, 2025)
- [Mainstreaming Natural Capital: Advancing the Global Agenda to Integrate Nature in Decision-Making](#) (World Economic Forum, 2025)
- [Natural capital and regional growth: Insights from the European Union](#) (European Commission, 2025)
- [Natural capital account 2023/24](#) (Forestry England, 2025)
- [Natural capital - Sustainable investing in timberland and agriculture](#) (Manulife Investment Management, 2025)
- [Making the Case for Nature- Insights from Scotland's Natural Capital analyses](#) (Scottish Government, 2025)
- [Enabling a Natural Capital Approach - guidance](#) (Department for Environment, Food & Rural Affairs, 2025)
- [The economics of natural capital](#) (European Central Bank, 2025)
- [North Northamptonshire Local Nature Recovery Strategy](#) (North Northamptonshire Council, 2025)
- [Natural Capital and Ecosystem Assessment Programme data collection and analysis \(for soil health indicator\)](#) (JNCC, 2025)
- [Making Natural Capital Count - An investment agenda](#) (Centre for Global Commons; Systemic, 2025)
- [Natural Capital asset class special report](#) (Gresham House, 2025)
- [Multiple benefits of nature-based solutions: an evidence synthesis](#) (Environment Agency, 2025)
- [Bedfordshire LNRS Blue Lens: opportunities for enhancing the water environment, ecosystem service, ESS](#) (Bedfordshire Local Nature Partnership, Environment Agency, 2024)
- [Natural Capital Accounting: Informing Policy Decisions and Management of Uganda's Natural Resources](#) (World Bank Group, 2020)

Access and Recreation

- [Scotland's People and Nature Survey 2023/24 - headline report](#) (NatureScot, 2024)
- [Scotland's People and Nature Survey 2023/24 - technical report](#) (NatureScot, 2024)
- [Access and Recreation Strategy](#) (City of London, 2024)
- [Alternative Natural Recreational Greenspace - Green Way Signage Design Guide](#) (New Forest District Council, 2023)
- [Mapping Access to Nature in England](#) (Wildlife and Countryside Link, 2023)
- [People and Nature Survey Analysis 2023](#) (Natural England, 2023)
- [Creating More Accessible Green & Blue Spaces - Understanding the experiences of people with visual impairments that visit green and blue spaces](#) (Natural England, 2023)
- [The Children's People and Nature Survey for England: Summer Holidays 2021 \(official Statistics\)](#) (Natural England, 2022)
- [Included outside - Engaging people from ethnic minority backgrounds in nature](#) (Natural England, 2022)
- [Included outside - Evidence synthesis for engaging under-represented groups in nature](#) (Natural England, 2022)
- [Included outside - Engaging older people in nature](#) (Natural England, 2022)
- [Included outside - Engaging people living in low-income areas in nature](#) (Natural England, 2022)
- [Included outside - Engaging people living with disabilities in nature](#) (Natural England, 2022)
- [Applying behavioural insights to improve the messaging around the new Countryside Code](#) (Natural England, 2022)

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- 📘 [Growing confidence in the Cotswolds](#) (Cotswolds AONB, 2022)
- 📘 [Out of Bounds - Equity in Access to Urban Nature](#) (Groundwork UK, 2021)
- 📘 [Monitor of Engagement with the Natural Environment Children's Report \(MENE\) 2017-2018](#) (Natural England (NE), 2019)
- 📘 [Walking Design Standards](#) (Oxfordshire County Council, June 2017)
- 📘 [Space for people - Targeting action for woodland access](#) (Woodland Trust, 2017)
- 🥇 [Evaluating the outdoor learning experience - A toolkit for practitioners](#) (Cardiff University, 2016)
- 🥇 [Outdoor Recreation Valuation Tool](#) (ORVal) (Exeter University, Launched 2016)
- 📘 [Whitepaper: The Outdoor Environment in Secondary Schools](#) - Understanding nature deficit and environmental citizenship at Key Stage 3 and Key Stage 4 (The Learning Escape, 2014)
- 📘 [Making Space for Cycling](#) A guide for Developments and street renewals (Cyclenation, 2014)
- 📘 [Cycling Revolution London](#) (Transport for London, 2010)
- 📘 [Improving Londoner's access to nature](#) (Greater London Authority, 2008)

See more under: [greenspace standards](#)

Air quality / Air pollution

- 📘 [HedgeDATE \(tool for Hedge Design for Abatement of traffic emissions\)](#) (University of Surrey, 2022)
- 📘 [Clean air in schools using green barriers](#) (University of Sheffield; Grantham Centre, 2022)
- 📘 [The Clean Air Plan for Wales - Healthy Air, Healthy Wales](#), (Welsh Government, 2020)
- 📘 [Using green infrastructure to protect people from air pollution](#), (Greater London Authority (GLA), 2019)
- 📘 [Clean Air Strategy](#) (Department for Environment, Food and Rural Affairs (Defra), 2019)
- 📘 [UK air pollution removal: how much pollution does vegetation remove in your area?](#) (Office for National Statistics [ONS], 2018)
- 📘 [The state of the environment - air quality](#) (Environment Agency, 2018)
- 📘 [Impacts of Vegetation on Urban Air Pollution](#) (Department for Environment, Food & Rural Affairs (Defra), 2018)
- 📘 [The UK environment – fighting pollution, improving our health and saving us money](#) (ONS, 2017)
- 📘 [Air pollution: outdoor air quality and health](#) (NICE & Public Health England, June 2017)
- 📘 [Planting Healthy Air](#) (The Nature Conservancy, 2016)
- 📘 [Tree and forest effects on air quality and human health in the United States](#) (USDA Forest Service 2014)
- 📘 [Air Quality Strategy for England, Wales, Scotland and Northern Ireland](#) (Defra,2007)

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Biodiversity

- 📘 [Progress in improving the natural environment in England 2024/2025](#) (Office for Environmental Protection, 2026)
- 📘 [North Northamptonshire Local Nature Recovery Strategy](#) (North Northamptonshire Council , 2025)
- 📘 [Bedfordshire LNRS Blue Lens: opportunities for enhancing the water environment, ecosystem service, ESS](#) (Bedfordshire Local Nature Partnership, Environment Agency, 2024)
- 📘 [Nature Networks Toolbox](#) (Nature Scot, 2024)
- 📘 [Biodiversity and Infrastructure Investing](#) (Worldwide Fund for Nature, WWF), 2024)
- 📘 [Driving 'natural' renewal - The progressive case for restoring the natural environment](#) (IPPR, 2024)

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-  [Biodiversity Disclosure Initiatives](#) (European Commission; European Business & Biodiversity Platform, 2024)
-  [Biodiversity, climate change and energy](#) (European Commission, 2024)
-  [Biodiversity and the Resources and Waste Management Industry](#) (environmental services association, 2024)
-  [Study for a methodological framework and assessment of potential financial risks associated with biodiversity loss and ecosystem degradation](#) (European Commission, 2024)
-  [Progress in improving the natural environment in England 2022/2023](#) (Office for Environmental Protection, 2024)
-  [Nature Conservation & Resilience Strategy](#) (City of London, 2024)
-  [Informing nature recovery in England by analysing “bottlenecks” in broad habitats](#) (Natural England, 2024)
-  [Environment Act Habitat Target – Definitions and Descriptions](#) (Natural England, 2024)
-  [Investing in Nature - Opportunities for Institutional Investor](#) (Green Finance Institute, 2024)
-  [The Global Biodiversity Standard - Manual for assessment and best practices](#) (Botanic Gardens Conservation International; Society for Ecological Restoration, 2024)
-  [Nature and Biodiversity Action Plan](#) (Westmoorland & Furness Council, 2024)
-  [Scoping review - what is the state of knowledge on the role of biodiversity in the design, delivery and benefits of Nature-Based Solutions?](#) (The James Hutton Institute; Biodiversa, 2023)
-  [Nature 2030 - Five urgent reforms to meet natural environment targets in the next Parliament](#) (Wildlife and Countryside Link, 2023)
-  [Nature 2030 -Essay collection](#) (Wildlife and Countryside Link, 2023)
-  [Delivering 30by30 on land in England](#) (Department for Environment, Food & Rural Affairs, 2023)
-  [How to unlock nature-positive transformative change in the build sector](#) (European Commission, 2023)
-  [30x30 - A Guide to Inclusive, Equitable and Effective Implementation of Target 3 of the Kunming-Montreal Global Biodiversity Framework](#) (WWF; IUCN; The Nature Conservancy, 2023)
-  [Biodiversity monitoring knowledge gaps and research & innovation priorities](#) (Biodiversa, 2023)
-  [Shared goals and priorities for biodiversity monitoring within Biodiversa+](#) (Biodiversa, 2023)
-  [The Roadmap to Nature Positive - Foundations for the built environment system](#) (World Business Council for Sustainable Development, 2023)
-  [GenePools - Investigating the life that dwells in garden ponds](#) (Natural England, 2023)
-  [Linking the Irish Environment](#) (Environmental Justice Network Ireland, 2023)
-  [It's for them - stakeholder toolkit for wildlife friendly mowing](#) (Welsh Government, 2023)
-  [Recommendations for Integration of Ecological Restoration in vocational training in Europe](#) (Society for Ecological Restoration, 2023)
-  [Road Verge Biodiversity - It's for them](#) (Powys County Council, 2023)
-  [State of the environment - the coastal and marine environment](#) (Environment Agency, 2023)
-  [The Small Sites Metric \(Statutory Biodiversity Metric\) - User Guide \(draft\)](#) (Department for Environment, Food & Rural Affairs (Defra), 2023)
-  [The Statutory Biodiversity Metric User Guide \(draft\)](#) (Department for Environment, Food & Rural Affairs (Defra), 2023)
-  [Unlocking the biodiversity-climate nexus - A practitioner's guide for financial institutions](#) (Finance for Biodiversity Foundation, 2023)
-  [State Of Nature 2023](#) (State of Nature Partnership, 2023)
-  [A Playbook for Nature-Positive Infrastructure Development](#) (World Wildlife Fund for Nature (WWF), 2023)

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-  [Statutory biodiversity metric tools and guides](#) (Department for Environment, Food & Rural Affairs (Defra), 2023)
-  [Stepping Up on Biodiversity - What the Kunming-Montreal Global Biodiversity Framework means for responsible investors](#) (United Nations Environment Programme (UNEP), 2023)
-  [Biodiversity, climate change and health](#) (UK Health Alliance on Climate Change, 2023)
-  [Banking on nature - What the Kunming-Montreal Global Biodiversity Framework means for responsible banks](#) (United Nations Environment Programme (UNEP), 2023)
-  [Nature and Us Citizens' Assembly Findings Report](#) (Natural Resources Wales, 2023)
-  [The Nature Strategy Handbook - a practical guide for businesses](#) (It's Now for Nature, 2023)
-  [Sustainable Nature Reserves - Guidelines to create privately protected areas](#) (IUCN; American Bird Conservancy, 2022)
-  [Housing and Nature](#) (The Wildlife Trusts, 2022)
-  [Forest Sector Nature-Positive Roadmap](#) (World Business Council for Sustainable Development, 2022)
-  [Who benefits from nature in cities? Social inequalities in access to urban green and blue spaces across Europe](#) (European Environment Agency, 2022)
-  [Peatland Restoration Guide](#) (Nature Scot, 2022)
-  [A Methodology for Standardised Monitoring of Ecological Connectivity](#) (Interreg, 2022)
-  [UK Biodiversity Indicators 2022 summary](#) (Joint Nature Conservation Committee (JNCC), 2022)
-  [Biodiversity in Cities - Technical Guide](#) (AFD, 2022)
-  [22 Actions for Biodiversity](#) (ICLEI, 2022)
-  [Why is Nature Restoration Critical for River Connectivity?](#) (ecologic; Institute for European Environmental Policy, 2022)
-  [Why is Nature Restoration Critical for the Resilience of European Cities?](#) (ecologic; Institute for European Environmental Policy, 2022)
-  [Farming and hedgerows - stretching the boundaries](#) (CPRE, 2022)
-  [Roadmaps to nature positive - Guidelines to accelerate business accountability, ambition and action for a nature-positive future](#) (World Business Council for Sustainable Development (WBCSD), 2022)
-  [Restoration Barometer Report](#) (International Union for Conservation of Nature and Natural Resources (IUCN), 2022)
-  [Once City Ecological Emergency Strategy](#) (Bristol City Council; Avon Wildlife Trust, 2020)
-  [The Global Assessment Report on Biodiversity and Ecosystem Services](#) (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (ipbes), 2019)
-  [All England Strategic Landscape Mapping Tool](#) (Natural England, 2022)
-  [Rewilding our Cities](#) (Zoological Society of London, 2022)
-  [The proposed EU Nature Restoration Law - what role for cities and regions?](#) (Network Nature; ICLEI, 2022)
-  [Wildlife Comeback in Europe](#) (Zoological Society of London; Birdlife;Rewilding Europe, 2022)
-  [How to develop an Urban Nature Network](#) (Future Parks Accelerator, 2022)
-  [Set Up An Urban Habitat Bank - Guide](#) (Future Parks Accelerator, 2022)
-  [The Nature Recovery and Climate Resilience Playbook](#) (UK Green Building Council , 2022)
-  [Living Planet Report 2022](#) (World Wildlife Fund for Nature (WWF); Zoological Society of London, 2022)
-  [Towards an IUCN nature-positive approach](#) (IUCN, 2022)
- [Nature In An Era Of Crisis](#) (Taskforce on Nature Markets; Nature Finance, 2022)
- [Nature Tool - assess the impact of land-use and management changes on natural capital performance](#) (updated version 1.2 - Ecosystem Knowledge Network; WSP, 2022)
- [Envisaging the Future of Cities \(World Cities Report\)](#) (UN Habitat, 2022)
- [The State of the World's Mangroves](#) (Global Mangroves Alliance, 2022)

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-  [Local Net Zero Delivery Progress Report \(UK100, 2022\)](#)
-  [Seizing opportunities for ecosystem restoration to tackle societal challenges \(Network Nature, 2022\)](#)
-  [Summary for policymakers of the thematic assessment of the sustainable use of wild species of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services \(IPBES, 2022\)](#)
-  [Framework for Action on Biodiversity for Food and Agriculture \(Food and Agriculture Organisation \(FAO\), 2022\)](#)
-  [Taking stock - protecting, restoring and improving the environment in England \(Office for Environmental Protection, 2022\)](#)
-  [Sites of Special Scientific Interest \(SSSI\) Economics \(Natural England, 2022\)](#)
-  [Facilitating dynamic and inclusive biodiversity conservation in Britain: An Anthropocene perspective \(Natural England, 2022\)](#)
-  [A think piece on the effectiveness of protected areas in England \(Natural England, 2022\)](#)
-  [BiodiverCities by 2030 - Transforming cities' relationship with nature \(World Economic Forum \(WEF\), 2022\)](#)
-  [Living England: Satellite-based habitat classification- Technical User Guide \(Natural England, 2022\)](#)
-  [The Children's People and Nature Survey for England: Summer Holidays 2021 \(official Statistics\) \(Natural England, 2022\)](#)
-  [The IUCN Urban Nature Index \(IUCN; Arcadia, 2022\)](#)
-  [Natural England Chief Scientist Report 2021 \(Natural England, 2022\)](#)
-  [Biodiversity Metric 3.1 Case Study 4 - Cabling for Offshore Wind Development \(Natural England, 2022\)](#)
-  [Biodiversity Metric 3.1 Case Study 1 - Residential Development \(Natural England, 2022\)](#)
-  [Peatland Carbon Finance Scoping Study \(Natural England, 2022\)](#)
-  [Biodiversity Metric 3.1 Case Study 3 - River Restoration \(Natural England, 2022\)](#)
-  [Biodiversity Metric 3.1 Case Study 2 - Port Development \(Natural England, 2022\)](#)
-  [Biodiversity Metric 3.1 - QGIS Template and GIS Import Tool User Guide \(Natural England, 2022\)](#)
-  [Case studies in Large Scale Nature Restoration and Rewilding \(NatureScot, 2022\)](#)
-  [Biodiversity Metric 3.1 - Auditing and accounting for biodiversity calculation tool \(Natural England, 2022\)](#)
-  [Biodiversity Metric 3.1 - Habitat Condition Assessment Sheets with Instructions \(Natural England, 2022\)](#)
-  [Biodiversity Metric 3.1 - Technical Supplement \(Natural England, 2022\)](#)
-  [Biodiversity Metric 3.1 - User Guide \(Natural England, 2022\)](#)
-  [Decision-making in a nature positive world \(registration required\) \(University of Cambridge, 2022\)](#)
-  [Global Land Outlook Land Restoration for Recovery and Resilience \(United Nations Convention to Combat Desertification, 2022\)](#)
-  [Cotswolds Nature Recovery Plan \(Cotswolds AONB, 2022\)](#)
-  [A little rough guide around the hedges \(Commission for the Protection of Rural England \(CPRE\), 2022\)](#)
-  [Becoming #GenerationRestoration - Ecosystem Restoration for People, Nature and Climate \(United Nations Environment Programme \(UNEP\), 2021\)](#)
-  [Handbook on the Singapore Index on Cities' Biodiversity \(National Parks Singapore; UNEP; Convention on Biological Diversity, 2021\)](#)
-  [WENP Strategy 2021-2030 \(West of England Nature Partnership \(WENP\), 2021\)](#)
-  [Bee Steward Pollinator Report \(Cornwall AONB, 2021\)](#)
-  [Seagrass Restoration Handbook, \(Environment Agency, 2021\)](#)
-  [Restoring Estuarine and Coastal Habitats with Dredged Sediment \(Environment Agency, 2021\)](#)
-  [Saltmarsh Habitat Restoration Handbook, \(Environment Agency, 2021\)](#)

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-  [Terrestrial and freshwater Resilient Ecological Networks: a guide for practitioners in Wales](#), (Natural Resources Wales, 2021)
-  [The Restoration Initiative - 2020 Year in Review](#), (Food and Agriculture organisation (FAO); United Nations Environment Programme (UNEP); International Union for Conservation of Nature (IUCN), 2021)
-  [The Environmental Land Management scheme](#), (National Audit Office (NAO); Department for Environment, Food & Rural Affairs (Defra), 2021)
-  [Urban Greening for Biodiversity Net Gain: A Design Guide](#) (London Wildlife Trust; Mayor of London, 2021)
-  [Local nature recovery strategies](#) (UK Parliament, 2021)
-  [Local Nature Recovery Strategy pilots - lessons learned](#) (Department for Environment, Food & Rural Affairs (Defra), 2021)
-  [England Peat Action Plan](#) (Department for Environment, Food & Rural Affairs (Defra), 2021)
-  [The Environmental Benefits from Nature Tool - Beta Test Version \(tool, Principles & guide\)](#) (Natural England, 2021)
-  [When Nature Shows the Way: supporting biodiversity for Europe's green recovery](#) (CEE Bankwatch Network, 2021)
-  [Biodiversity & Climate Change](#) (IPBES; IPCC, 2021)
-  [A wilder Recovery - How to build back smarter, stronger, greener](#) (The Wildlife Trusts, 2021)
-  [Biodiversity in new housing developments - creating wildlife-friendly communities](#) (NHBC Foundation; Royal Society for the Protection of Birds, 2021)
-  [Birds \(RSPB\), 2021](#)
-  [Financial Sector Guide for the Convention on Biological Diversity](#) (Convention on Biological Diversity, 2021)
-  [The Economics of Biodiversity- The Dasgupta Review](#) (HM Government, 2021)
-  [E-Planner - tool to identify the most suitable places for different environmental management options](#) (UK Centre for Ecology & Hydrology, 2021)
-  [State of the Natural Environment Report 2020 Wales](#) (Natural Resources Wales, 2020)
-  [Biodiversity Toolkit - Increasing Biodiversity in Urban Green Spaces](#) (UK Centre for Ecology & Hydrology; Southern Housing Group, 2021)
-  [Improving Strategic Planning for Nature Conservation](#) (Mainstreaming Green Infrastructure; Northumbria University; Planning Advisory Service, 2021)
-  [Assessing the utility of land sharing and land sparing for birds, butterflies and ecosystem services in lowland England](#) (Natural England, 2021)
-  [Pollinator Strategy - 2020 Progress Report](#) (Nature Scot, 2021)
-  [Working together for Biodiversity - All Ireland pollinator plan](#) (National Biodiversity Data Centre, 2021)
-  [Scotland's Biodiversity Progress to 2020 Aichi Targets](#) (NatureScot, 2021)
 -  [Biodiversity Duty Report 2018-2020](#) (NatureScot, 2021)
-  [Cornwall AONB, Environmental Land Management scheme, Landscape Recovery Framework](#) (Cornwall AONB, 2021)
-  [Healthy Bees Plan 2030](#) (Department for Environment, Food & Rural Affairs (Defra), 2020)
-  [Gardening for bumblebees](#) (Bumblebee Conservation Trust, 2020)
-  [Citizen Science Toolkit for biodiversity scientists](#) (Biodiversa, 2020)

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-  [Enhancing local delivery and implementation of the 25YEP through strengthening integration, leadership and stakeholder relationships, Integration and Leadership](#) (Department for Environment, Food & Rural Affairs, 2020)
-  [Strengthening Synergies - How action to achieve post-2020 global biodiversity conservation targets can contribute to mitigating climate change](#) (United Nations Environment Programme, 2020)
-  [No Insectinction - how to solve the insect declines crisis](#) (buglife, 2020)
-  [Sports and urban biodiversity - A framework for achieving mutual benefits for nature and sports in cities](#) (International Union for Conservation of Nature (IUCN), 2020)
-  [PERFECT expert paper 5 - green infrastructure and biodiversity](#) (Town and Country Planning Association (TCPA); PERFECT project, 2020)
-  [Beyond 'Business as Usual': Biodiversity Targets and Finance - Managing biodiversity risks across business sectors](#) (United Nations Environment Programme (UNEP); Natural Capital Finance Alliance, 2020)
-  [Wildbelt - A briefing by The Wildlife Trusts](#) (The Wildlife Trusts, 2020)
-  [Financing UK Nature Recovery](#) (Broadway Initiative; Green Finance Institute; finance earth, 2020)
-  [Biodiversity and Management of Agricultural Landscapes](#) (German National Academy of Sciences Leopoldina; acatech; The Union of the German Academies of Sciences and Humanities , 2020)
-  [Biodiversity and nature-based solutions - Analysis of EU-funded projects](#) (European Commission, 2020)
-  [Beyond 'Business as Usual' - Biodiversity Targets and Finance Managing biodiversity risks across business sectors](#) (United Nations Environment Programme (UNEP); Natural Capital Finance Alliance, 2020)
-  [NATURA 2000 in cities](#) (European Commission, 2020)
-  [EU Biodiversity Strategy for 2030 - Bringing nature back into our lives](#) (European Commission, 2020)
-  [Managing invasive alien species to protect wild pollinators](#) (European Commission; IUCN, 2020)
-  [The £1 Billion Challenge - Route Map from the Scottish Conservation Finance Project](#) (Scottish Wildlife Trust; Scottish Environment Protection Agency (SEPA), 2020)
-  [Reversing the Decline of Insects](#) (The Wildlife Trusts, 2020)
-  [A Nature Recovery Plan - 11 transformative actions for nature in Scotland](#) (Scottish Wildlife Trust, 2020)
-  [Protecting 30% of the planet for nature - costs, benefits and economic implications \(Waldron report\)](#) (University of Cambridge; Campaign for Nature, 2020)
-  [Building Partnerships for Nature's Recovery](#) (Natural England (NE), 2020)
-  [The state of nature in the European Union](#) (European Commission, 2020)
-  [Integrating Biodiversity into Natural Capital Assessments](#) (Capitals Coalition (Natural Capital Coalition), 2020)
-  [State of the World's Plants and Fungi](#) (Royal Botanic Gardens Kew, 2020)
-  [Biodiversity and Ecosystem Services- A business case for re/insurance \(registration required for download\)](#) (Swiss Reinsurance Company Ltd, 2020)
-  [The Nature Recovery Action Plan for Wales 2020 - 21](#) (Welsh Government, 2020)
-  [Concept Note -Biodiversity-Led Green Infrastructure](#) (Simon Fraser University, 2019)
-  [Pollinators in Planning and Construction - A brief guide for the development sector](#) (Scottish Natural Heritage, 2019)
-  [Green Infrastructure Design for Transport Projects: A Road Map to Protecting Asia's Wildlife Biodiversity](#) (Asian Development Bank, 2019)

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-  [Biodiversity 2020 - Delivering Outcome 1C by England's AONB Partnerships](#) (Natural England; Landscapes for Life, 2019)
-  [State of Nature 2019](#) (National Biodiversity Network, 2019)
-  [Biodiversity in Planning - Obligations and opportunities to promote biodiversity through the UK planning systems](#) (Royal Town Planning Institute (RTPI); Biodiversity in Planning, 2019)
-  [Wildflower Verges Getting Started](#) (Tarka Country Trust, 2019)
-  [Managing grassland road verges - best practice guide](#) (Plantlife, 2019)
-  [Valuing and Measuring Natural Assets for Infrastructure](#) (Valuing Nature, 2019)
-  [Rewilding and Climate Breakdown - How restoring nature can help decarbonise the UK](#) (Rewilding Britain, 2019)
-  [The state of the environment - soil](#) (Environment Agency, 2019)
-  [Creative Spaces For Nature](#) (Julie's Bicycle, 2019)
-  [Towards a Nature Recovery Network for the West of England - A methodology](#) (West of England Nature Partnership, 2019)
-  [Biodiversity: Finance and the Economic and Business Case for Action](#) (Organisation for Economic Cooperation and Development (OECD), 2019)
-  [Natural Capital and Biodiversity - A Briefing Note for Policy-Makers](#) (Chartered Institute of Ecology and Environmental Management (CIEEM), 2019)
-  [The state of the world's biodiversity the state of the world's biodiversity for food and agriculture](#) (Food and Agriculture Organization of the United Nations (FAO), 2019)
-  [Sixth National Report to the United Nations Convention on Biological Diversity: United Kingdom of Great Britain and Northern Ireland](#) (Joint Nature Conservation Committee (JNCC), 2019)
-  [Valuing nature – a railway for people and wildlife... The Network Rail Vegetation Management Review](#) (Network Rail, 2018)
-  [Measures to increase ecosystem resilience and avoid tipping points,](#) (biodiversa, 2018)
-  [Living Planet report 2018 - Aiming Higher,](#) (Zoological Society of London; World Wildlife Fund for Nature (WWF), 2018)
 -  [Bats and artificial lighting in the UK](#) (Bat Conservation Trust, 2018)
-  [Towards A Wilder Britain - Creating a Nature Recovery Network to bring back wildlife to every neighbourhood](#) (The Wildlife Trusts, 2018)
-  [Ensuring no net loss for people as well as biodiversity: Good Practice Principles](#) (Balfour Beatty, Bangor University, Oxford University, Wild Business, 2018)
-  [Assessment of biodiversity accounting approaches for businesses and financial institutions](#) (European Commission, 2018)
-  [Evaluating the effectiveness of policy instruments for biodiversity](#) (Organisation for Economic Co-operation and Development (OECD), 2018)
-  [GRETA – Green infrastructure: Enhancing biodiversity and ecosystem services for territorial development](#) (ESPON, 2018)
-  [Mainstreaming biodiversity targets for the private sector: Practice Note](#) (JNCC; Valuing Nature Network; Oxford University; Interdisciplinary Centre for Conservation Science, 2018)
-  [Mainstreaming biodiversity targets for the private sector: Technical Appendix](#) (JNCC; Valuing Nature Network; Oxford University; Interdisciplinary Centre for Conservation Science, 2018)
-  [Mainstreaming international biodiversity goals for the private sector: Main Report & Case Studies](#) (JNCC; Valuing Nature Network; Oxford University; Interdisciplinary Centre for Conservation Science, 2018)

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-  [National Pollinator Strategy: Implementation Plan, 2018-2021](#) (Department for Environment, Food and Rural Affairs (Defra), 2018)
-  [green infrastructure and biodiversity -factsheet](#) (PERFECT, Town and Country Planning Association [TCPA], 2018)
-  [Why & How to Increase Pollinators on Your Farm - Practical Guide](#) (Scotland's Farm Advisory Service, 2018)
 -  [Biodiversity Action plan 2018-2028](#) (Canary Wharf Group PLC, 2018)
-  [A Better Balance- A Roadmap to Biodiversity Net Gain](#) (Balfour Beatty, 2018)
-  [Encouraging biodiversity at multiple scales in support of resilient woodlands](#) (Forest Research, 2018)
-  [Living Cities - towards ecological urbanism](#) (Scottish Wildlife Trust, 2018)
-  [Field Guide to Conservation in Cities in North America](#) (The Nature Conservancy; Center for Whole Communities, 2017)
-  [Guidance on Permission in Principle and Brownfield Registers of Land \(brownfield Register guidance\)](#) (Wildlife and Countryside Link, 2017)
-  [Australia's strategy for nature 2018–2030,](#) (Department of the Environment and Energy, 2017)
-  [Biodiversity in the City - Practical actions to make our UK cities global leaders](#) (WSP, 2017)
-  [Implications of lowland broadleaved woodland management for the conservation of target bird species](#) (Forest Research, 2017)
-  [An Action Plan for nature, people and the economy](#) (European Commission, 2017)
-  [Pollinator Strategy for Scotland - 2017–2027 Technical Annex](#) (Scottish Natural Heritage; The Scottish Government, 2017)
-  [An Action Plan for nature, people and the economy](#) (European Commission, 2017)
-  [Optimising UK urban road verge contributions to biodiversity and ecosystem services with cost-effective management \(open access paper\)](#) (Journal of Environmental Management, 2017, [Volume 191](#), 15 2017, Pages 162–171; open access)
-  [Healthy for Bees: Healthy for People Managing the grounds of public buildings for pollinators](#) (Natural Resources Wales, 2017)
-  [Connectivity and Ecological Networks – technical information note](#) (Landscape Institute, 2016)
-  [Biodiversity Net Gain Good practice principles for development](#) (CIRIA, CIEEM, IEMA, 2016)
-  [Helping pollinators locally – developing a local pollinator action plan or strategy](#) (Buglife, Friends of the Earth, 2016)
-  [Maidenhead's Nature Matters](#) (Wild Maidenhead, 2016)
-  [Road Verge Survey Guidance Note](#) (Tarka Country Trust, 2016)
-  [Our plan to protect and increase biodiversity](#) (Highways England, 2015)
-  [Every Child Wild](#) (The Wildlife Trusts, 2015)
-  [Green Infrastructure action plan for pollinators in South-East Wales](#) (TACP; Monmouthshire Council, 2015)
-  [The Nature Recovery Plan for Wales Setting the course for 2020 and beyond](#) (Welsh Government, 2015)
-  [Managing green spaces for pollinators - An introduction for managers](#) (TACP; Monmouthshire Council, 2015)
-  [Conservation 21 – Natural England's Conservation Strategy for the 21st Century](#) (natural England, 2016)
-  [Rewilding and Ecosystem Services](#) (Parliamentary Office of Science and Technology, 2016)
-  [Our Environment Buckinghamshire and Milton Keynes: State of the Environment Report](#) (Buckinghamshire & Milton Keynes Natural Environment Partnership, 2016)
-  [Achieving locally contextualised biodiversity-led multifunctional urban green infrastructure](#) (Turas 2016)

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-  [Biodiversity Net Gain – A new role for infrastructure and development in improving Britain's wildlife.](#) (WSP, 2016)
-  [Spaces Wild](#) - championing the values of London's wildlife sites (Wildlife Trust London, 2015)
-  [Better brownfield: ensuring responsive development on previously developed land](#), (CPRE, 2015)
-  [London Pollinators: creating a buzz in the capital](#). (Sustain, 2015)
-  [Ecosystem Approach Handbook - Ideas and advice for your project or partnership](#) (Countryscape; Natural England, 2014)
-  [Planning for brownfield land regeneration to woodland and wider green infrastructure – Practice note](#) (Forestry Commission, 2014)
-  [Biodiversity and Planning in Oxfordshire](#) (BBOWT, TVERC and Oxfordshire County Council, Mar 2014)
-  [Community and Parish Guide to Biodiversity](#) (BBOWT, TVERC and Oxfordshire County Council, 2012)
-  [Making Ecology for All: A report on equality and diversity in ecological education and career pathways](#) (British Ecological Society, 2013).
-  [Assessing and enabling climate change adaptation in Nature Improvement Areas](#) (Natural England, November, 2013)
-  [The Mosaic Approach: Managing Habitats for Species](#) - a series of interactive guides (Natural England; December, 2013)
-  [Habitats Directive Risks tool](#) (Environment Agency; requires MS Access 2003 or above), sharing information on the risks posed to protected sites from activities the EA regulates.
-  [Rivers by Design](#) (RESTORE partnership including Environment Agency, 2013)- guide, aimed at explaining the benefits of river restoration to developers, local authorities, planners and communities, with relevance to urban or green infrastructure projects.
-  [Brownfield Hub](#) (Buglife; launched 2013)
-  [Creating Green Roofs for invertebrates](#) (Buglife, 2012)
-  [Strategic Plan for Biodiversity 2011–2020](#) (UNEP, 2011)
-  [Delivering biodiversity benefits through green infrastructure](#) (CIRIA 2011)
- [Managing for species: Integrating the needs of England's priority species into habitat management](#) (Natural England 2010)
-  [Biodiversity and the 2030 agenda for sustainable development - technical note](#), (United Nations Environment Programme (UNEP); Convention on Biological Diversity; Food and Agriculture Organization of the United Nations (FAO); The World Bank, 2010)
-  [Climate Change and Biodiversity Adaptation: The Role of the Spatial Planning System](#) (Natural England 2009 – *please note this was published before major change to planning system in 2012*)
-  [Safeguarding our Soils. A Strategy for England](#) (DEFRA), 2009)
-  [Urban Deer Vehicle Collisions - A risky life for deer](#) (British Deer Society; Linnean Society, 2008)
-  [Planning for brownfield biodiversity](#) (Buglife, 2009)
-  [England Biodiversity Strategy](#) - Towards adaptation to climate change. Final Report to Defra for contract CR0327 (Defra,2007)
-  [Guidance for Public Authorities on Implementing the Biodiversity Duty](#) (DEFRA, 2007)
-  [Guidance for Public Authorities on Implementing the Biodiversity Duty](#) (DEFRA, 2007)
-  [Planning for biodiversity in a changing climate - BRANCH project Final Report](#) (Natural England, 2007)
-  [Working with the grain of nature: biodiversity strategy for England](#) (Defra,2002)
-  [Making contracts work for Wildlife](#): How to encourage biodiversity in Urban Parks (CABE 2006)

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-  [Brownfield: red data. The values artificial habitats have for uncommon invertebrates](#) (English Nature, 1998)
-  [Landscape and Urban Design for Bats and Biodiversity](#) (Bat Conservation Trust)
-  [Planning for biodiversity toolkit](#) (ALGAE)
-  [brownfield resources](#) (EPA)
-  [Nature After Minerals](#), a resource for everyone with an interest in quarry restoration & minerals planning for biodiversity (funded by Natural England, RSPB & DCLG)

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Biodiversity - Nature Recovery

-  [Nature Recovery Plan - Restoring biodiversity across our estate and operations](#) (Ministry of Justice, 2024)
-  [Nature Recovery Plan](#) (Tamar Valley AONB, 2024)
-  [Nature Recovery Plan - Restoring and enhancing West Oxfordshire's natural environment](#) (West Oxfordshire District Council, 2024)
-  [South of Tyne and Wear Local Nature Recovery Strategy](#) (Gateshead council; South Tyneside Council; Sunderland City Council, 2024)
-  [Hackney Local Nature Recovery Plan](#) (London Wildlife Trust, 2023)
-  [Nature recovery targets - Statutory targets to drive the recovery of nature in Scotland](#) (Scottish Environment Link, 2023)
-  [Powers in Place - Nature - The Handbook of Local Authority Nature Recovery Powers](#) (UK100, 2023)
-  [Species Recovery within Local Nature Recovery Strategies](#) (Making Space for Nature in Kent and Medway, 2023)
-  [Transforming nature's recovery](#) (The Wildlife Trusts; Ecological Restoration Fund, 2023)
-  [A wilder Norfolk for All - Our strategy for nature's recovery](#) (Norfolk Wildlife Trust, 2023)
-  [Creating a Protected Area Network for nature recovery in England](#) (Natural England, 2023)
-  [Swansea Local Nature Recovery Action Plan](#) (Swansea Local Nature Partnership, 2023)
-  [The Powys Nature Recovery Action](#) (Powys Nature Partnership, 2022)

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Biodiversity off-setting & net gain (BNG)

-  [Beyond Offsets - People and planet-centred responses to the climate and biodiversity crisis](#) (Forest Peoples Programme, 2024)
-  [Biodiversity Net Gain in Ireland](#) (Chartered Institute for Ecology and Environmental Management, CIEEM, 2024)
-  [Implementing statutory biodiversity net gain](#) (National Audit Office; Natural England; Department for Environment, Food & Rural Affairs, 2024)
-  [Biodiversity net gain. Good practice principles for development. A practical guide \(Part A\) and Case studies \(Part B\) \(sign-in required\)](#) (Ciria; CIEEM; IEMA, 2024)
-  [Biodiversity Net Gain Draft SPD \(May 2024\)](#) (Wakefield District Council, 2024)
-  [Fixing Biodiversity Net Gain](#) (Wildlife and Countryside Link, 2024)
-  [Biodiversity Net Gain Study - Brighter strategies for greener projects](#) (City of London, 2023)

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- 📘 [Biodiversity Net Gain - Policy Evaluation Plan for 2023-2025](#) (Natural England, 2023)
- 📘 [Biodiversity Net Gain – Guiding Principles](#) (Oxfordshire Local Nature Partnership, 2023)
- 📘 [The biodiversity gain plan: draft template and guidance](#) (Department for Environment, Food & Rural Affairs (Defra), 2023)
- 📘 [Biodiversity Net Gain – land management lessons from our pilots - 5 case studies](#) (Natural England, 2023)
- 📘 [Combining environmental payments: biodiversity net gain \(BNG\) and nutrient mitigation](#) (Department for Environment, Food & Rural Affairs (Defra), Natural England, 2023)
- 📘 [Viability Assessment of Biodiversity Net Gain in Kent](#) (Kent County Council, 2022)
- 📘 [Biodiversity Net Gain in England -Developing Effective Market Mechanisms](#), (The Nature Conservancy, 2021)
- 📘 [GMCA Biodiversity Net Gain - Guidance for Greater Manchester](#) (Greater Manchester Combined Authority (GMCA), 2021)
- 📘 [Biodiversity Net Gain in Scotland Briefing Note](#) (Chartered Institute for Ecology and Environmental Management, CIEEM, 2021)
- 📘 [Advice to government on net environmental gain](#) (Natural Capital Committee, 2019)
- 📘 [Biodiversity Net Gain in Scotland](#) (Chartered Institute of Ecology and Environmental Management (CIEEM), 2019)
- 📘 [Biodiversity net gain - Good practice principles for development - Case studies](#) (WSP; Balfour Beatty; Footprint Ecology; CIRIA, 2019)
- 📘 [Net gain Summary of responses and government response](#) (Department for Environment, Food and Rural Affairs (Defra), 2019)
- 📘 [Biodiversity net gain. Good practice principles for development - a practical guide](#) (Chartered Institute for Ecology and Environmental Management (CIEEM); CIRIA, Institute of Environmental Management & Assessment (IEMA), 2019)
- 📘 [Working for Biodiversity Net Gain - An Overview of the Business and Biodiversity Offsets Programme \(BBOP\)](#) (Business and Biodiversity Offsets Programme (BBOP), 2018)
- 📘 [Biodiversity Offsetting: Government Response to the Committee's Sixth Report of Session 2013–14](#) (House of Commons Environmental Audit Committee, 2014)
- 📘 [Biodiversity offsetting report](#) (Environmental Audit Committee/House of Commons, 2013)
- 📘 [Biodiversity offsetting for developments](#) (BRE, 2012)
- 📘 [Biodiversity Offsetting](#) (4-page briefing to Ministers), Office of Science and Technology, 2012

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Case studies and videos

Websites providing collections of case studies (in a searchable database)

- [Sustrans case studies](#) (Sustrans, 2022)
- [Natural Capital case studies](#) (Capitals Coalition (Natural Capital Coalition), 2022)
- [Urban Forest Case Studies](#) (ClearingHouse project, 2020)
- [Green City case studies](#) (International Association of Horticultural Producers (AIPH), 2020)
- [Green Cities case studies](#) (Green Cities Europe Project; Town and Country Planning Association (TCPA), 2019)
- [Landscape Institute case study library](#) (Landscape Institute, 2019)
- [Park Power case studies \(renewable energy in green spaces\)](#) (Greenspace Scotland, 2019)

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- [Case Studies: City Parks – A Smart Investment for America's Health, Economy & Environment](#) (City Parks Alliance, 2019)
- [City Parks Alliance case studies](#) (City Parks Alliance, 2018)
- [Nature Based Solutions case studies](#) (Oppla, 2017)
- [Urban Nature Atlas - 1000 examples of Nature-Based Solutions from across 100 European cities](#) (Naturvation, 2019)
- [Tap into Resilience Case studies \(Water, GI etc\)](#) (WaterNow Alliance, 2019)
- [Community Empowerment Case Studies](#) (Parks Community UK, 2019)
- [Oppla Case studies](#), (OPPLA; Connecting Nature, 2019)
- [Enhancing Resilience of urban ecosystems through green infrastructure Case Studies](#), (OPPLA, 2019)
- [Restoring Europe's Rivers case studies](#), (Environment Agency; Wetlands International; River Restoration Centre, 2019)
- SUDS by CIRIA/ [Susdrain](#)
- [SUDS case studies UK](#) (Green Blue Urban, 2018)
- [SUDS case studies USA](#) (Green Blue Urban, 2018)
- [Working with natural processes to reduce flood risk](#) – 65 case studies (Environment Agency, 2017)
- [Essex Design Guide case studies](#) (Essex Planning Officers Association, from 2018)
- [Creative community engagement case studies](#) (Eden Project, 2018)
- [Naturally Resilient Solutions – Case Studies](#) (Naturally Resilient Communities, 2018)
- [Building with Nature case studies](#) (Building with Nature (EU project), 2018)
- [Nature-based solutions case studies](#) (Oppla, from 2017)
- [Designing for exceedance –12 SUDS case studies](#) (CIRIA, 2017)
- [Healthy Design case studies](#) (Horticulture Week, 2015)
- Lamb Drove, Residential SuDS scheme, Cambourne [case study](#) (Susdrain, 2015)
- [SUDS case study library](#) (The American Society of Landscape Architects, from 2013)
- [Case Studies Analyzing the Economic Benefits of Low Impact Development and Green Infrastructure Programs](#), (US Environmental Protection Agency (EPA), 2013)
- [Naturally Resilient Communities](#) (focussing on erosion and flooding)
- The Economics of Ecosystems and biodiversity by [TEEB](#)
- Landscape architecture, housing, parks and gardens by the [Landscape Institute](#)
- [Urban Green Infrastructure case studies](#) (Citygreen)
- [Catchment Management Modelling Platform](#) case studies (Catchment Management Modelling Platform)
- Sustainable housing by [HCA Place Spotlight](#) (archived June 2016)
- Green Roof case studies by [Green Roof Technology](#)

Individual case studies

- ❖ [20-minute neighbourhood case studies](#) (Town and Country Planning Association (TCPA), 2023)
- ❖ [Drymen and the villages of East Loch Lomond - Living Well Locally \(case study\)](#) (Forth Environment Link, 2023)
- ❖ [Wallands Primary School Rainscape](#) (Susdrain, 2023)
- ❖ [Belmont Estate Wetland Creation Scheme](#) (Ecosulis, 2023)
- ❖ [London i-Tree Eco project \(2014\)](#) (Forest Research, 2018)

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- ❖ [Torbay i-Tree Eco project \(2010\)](#) (Forest Research, 2018)
- ❖ [Camden County Municipal Utilities Authority: A Wet Weather Case Study of Incorporating Community Interests into Effective Infrastructure Decision-Making](#) (US Environmental Protection Agency EPA, 2018)
- ❖ [National Ecosystem Approach Toolkit case studies](#) (National Ecosystem Approach Toolkit (NEAT) & Ecosystem Knowledge Network (EKN), 2018)
- ❖ [Rainbow Garden, Hull](#) (Hull City of culture 2017)
- ❖ SUDS case study: [Gibside View Gateshead](#) (CIRIA, 2017)
- ❖ SUDS case study: [Glenbrook Wetlands in Enfield](#) (CIRIA, 2017)
- ❖ SUDS case study: [Grovelands Park Wetlands, Enfield](#) (CIRIA, 2017)
- ❖ SUDS case study: [Rain Gardens, Enfield](#) (Susdrain, 2017)
- ❖ SUDS case study: [Queen Caroline Estate, London Renfrew Close, London](#) (Susdrain, 2017)
- ❖ [Centenary Park Case Study, Rugby](#) (Fields in Trust, 2017)
- ❖ [SUDS case study video – Forest Way School](#) (CIRIA/ Susdrain, 2017)
- ❖ [Permeable Pavement at EPA's Edison Environmental Center](#) (US Environmental Protection Agency (EPA), 2016)
- ❖ [Payments for ecosystem services](#) (PES) Round 3 – with case studies from Winford Brook, Energy for Nature (RSPB), Holnicote & Woodland Trust - Smithills (Defra, Sep-2015)
- ❖ [The economic benefits of Green Infrastructure](#) - case study Lancaster, Pennsylvania (US EPA, 2014)
- ❖ [Physical Activity and the Rejuvenation of Connswater– socio-economic case studies & findings](#) (PARC, 2014)
- ❖ [St Lawrence Park](#), Byker - Transforming a park with a voluntary community 'green exercise' group – (Natural England, 2014)
- ❖ [Wynyard Woodland Park](#), Stockton -Managing future development by investing in green infrastructure (Natural England, 2014)
- ❖ [Tees Heritage Park](#), Stockton - Reconnecting communities with their heritage and each other (Natural England, 2014)
- ❖ [Blyth Green Travel project](#) - Creating the UK's first Active Travel Town (Natural England, 2014)
- ❖ [Woods for Health](#) hospital greenspace case studies (Forestry Commission, 2013)
- ❖ [Case Studies Analyzing the Economic Benefits of Low Impact Development and Green Infrastructure Programs](#) (US EPA, 2013)
- ❖ [Planning naturally – Spatial planning with nature in mind: in the UK and beyond](#) (RSPB, CIEEM and RTPI, 2013). The report is structured around 12 principles of good spatial planning, illustrated with case studies from the UK and abroad, capturing a broad range of issues critical in the planning system.
- ❖ [London 2012 GI legacy](#) (Natural England 2013) - Case studies featuring the Games' most iconic venues including The Queen Elizabeth Olympic Park, Weymouth and Portland sailing venue and Hadleigh Farm mountain biking venue
- ❖ [SUDS scheme Manor Ponds, Sheffield](#) (CIRIA case study)
- ❖ [Derby Midland Station, retrofit tree pits](#) (CIRIA)
- ❖ [Ever wonder where the rain goes?](#) and [Water Sensitive Urban Design](#) (two short video animations by CIRIA, 2013)
- ❖ [Green benefits in Victoria Business Improvement District](#) (London Climate Change Partnership 2012)
- ❖ [GI in East New York That Will Improve Water Quality](#) (NYC, 2013)

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- ❖ [The Olympic Parklands Green Infrastructure](#) shows how Green Infrastructure was embedded in the transformation of the east End of London as part of the Olympics
- ❖ [TEEB case studies](#) (United Nations Environment Programme (UNEP), 2013)
 - [Natural Spaces and Health: Mapping Accessible Natural Greenspace in Wales, UK \(2010\)](#)
 - [Benefits of green infrastructure – socio-economic importance of constructed wetlands, Nummela, Finland \(2013\)](#)
 - [Economic value of Toronto's Greenbelt, Canada \(2010\)](#)
 - [Managed realignment for coastal protection, UK \(2011\)](#)
- ❖ [Slowing the Flow at Pickering is exploring a new approach to flood management.](#) (Forestry Commission (FC), 2010)
- ❖ Social Return on Investment of urban nature sites – 4 case stories published by greenspace Scotland (2011)
 - [Glen Mile Mountain Bike Trail](#) an urban mountain bike trail in the Cumbernauld Glen Wildlife Reserve managed by Scottish Wildlife Trust
 - [Coronation Garden in](#) Spier's Old School Ground, Beith the reinstatement by volunteers of a community garden
 - [Woods for Health Pilot](#) at Kinnoull Hill, Perth 'green prescription' activities for people with severe and enduring mental health support needs
 - [Dumbreck Marsh Local Nature Reserve](#) in Kilsyth a school EcoClub's use of a local nature reserve
- ❖ [Green Infrastructure in Worcestershire](#) A short 9 min inspiring film about the multifunctional Green Infrastructure resource in Worcestershire
- ❖ [Animation](#) communicating the significance of Green Infrastructure and what it means for all of us (landscape Institute)
- ❖ [Woods for Health on Kinnoull Hill Perth, case story](#) on the social return on investing in Green Infrastructure Greenspace Scotland (2011)
- ❖ [Nature-inspired play park opens at Dinton Pastures Country Park](#) (Landscape Institute, 2014)
- ❖ [The Olympic Parklands Green Infrastructure](#) shows how Green Infrastructure was embedded in the transformation of the east End of London as part of the Olympics
- ❖ [Green Benefits in Victoria Business Improvement District](#) - An analysis of the benefits of trees and other green assets in the Victoria Business Improvement District. (2012)
- ❖ [The Importance of Parks to People and Wildlife](#) (YouTube video 4 min 15; BSG Ecology)
- ❖ Large scale development in [St Neots](#), design, planning and risks were shared by a group of 7 developers with very good integration and management of Green Infrastructure, including footpaths/cycleways, flood/water management features, woodland and wetland habitats.
- ❖ [Catchment Management Modelling Platform](#) case studies (Catchment Management Modelling Platform)
 - [Case Study 1](#) Multiple pollutant and ecosystem services responses to land management policies and agri-environment interventions
 - [Case Study 2](#) Effectiveness of land management policies and agri-environment interventions
 - [Case Study 3](#) Costs and benefits of mitigation measures
 - [Case Study 4](#) Effectiveness of pollution control measures under scenarios
 - [Case Study 5](#) Uncertainty in ecological responses to water quality control measures

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- [Case Study 6](#) Effects of input data quality & quantity on evaluation of land management
- [Case Study 7](#) Interpolation of model outputs and data from catchment to national scales

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Climate Change & Green Infrastructure

- ★ [Green Infrastructure to combat climate change \(summary\) \(Community Forests NW\) – a good overview/ introduction to subject](#)
- ★ [Green infrastructure to combat climate change - A Framework for Action in Cheshire, Cumbria, Greater Manchester, Lancashire, and Merseyside \(Community Forests NW; 2011\)](#)
- ★ [The impact of the environment and climate change on future infrastructure supply and demand](#) (National Infrastructure Commission, 2017)

- 📘 [Heat resilience and sustainable cooling](#) (Environmental Audit Committee; House of Commons, 2024)
- 📘 [Climate Change - Adaptation Plan 2024-29 \(Easy read version\)](#) (Scottish Government, 2024)
- 📘 [The Impact of Conservation Grazing on GHG emissions](#) (Natural England, 2024)
- 📘 [Advancing effective and equitable crediting - Natural Climate Solutions Crediting Handbook](#) (Environmental Defense Fund, 2024)
- 📘 [Scottish Water Climate Change Adaptation Plan](#) (Scottish Water, 2024)
- 📘 [Landscape and Carbon](#) (Landscape Institute; The British Association of Landscape Industries , 2024)
- 📘 [Adapting to climate change - How the UK can better manage a rapidly changing environment](#) (Institute for Government, 2024)
- 📘 [Climate change adaptation and resilience in the UK](#) (UK Parliament, 2024)
- 📘 [Local Climate Adaptation](#) (Cornwall Council; Oxfordshire County Council; University of Exeter; European Centre for Environment & Human Health, 2024)
- 📘 [Nature for Climate Peatland Grant Scheme Process Evaluation](#) (Natural England, 2024)
- 📘 [Towards open and transparent forest data for climate action](#) (Food and Agriculture Organisation, 2024)
- 📘 [Climate Adaptation Costing in a Changing World](#) (World Bank Group, 2024)
- 📘 [Every Move - Sustainability Strategy and Action Plan](#) (Sport England, 2024)
- 📘 [Weathering the storm](#) (Infrastructure Victoria, 2024)
- 📘 [Climate resilience Dialogue](#) (European Commission, 2024)
- 📘 [Climate Adaptation Knowledge Exchange](#) (CAKE, 2024)
- 📘 [Climate Change Risk & Vulnerability Assessment and Adaptation Plan](#) (Cambridge City Council, 2024)
- 📘 [National Monitoring, Evaluation, and Learning Systems for Climate Change Adaptation, MEL, monitoring, biodiversity](#) (International Institute for Sustainable Development, 2024)
- 📘 [Climate adaptation projects in South Asia – A Review](#) (Oxford Policy Management, 2024)
- 📘 [Urban Climate-Health Action - A New Approach to Protecting Health in the Era of Climate Change](#) (The Rockefeller Foundation, 2024)
- 📘 [Local Government and Institutional Arrangements - Climate Change Adaptation – Governance, Funding and Delivery](#) (New Zealand Climate Change Commission, 2023)
- 📘 [Climate Adaptation Toolkit](#) (Somerset Wildlife Trust, 2023)
- 📘 [Climate Change, Population Health and Health Equity](#) (Canadian Public Health Association; Ontario Public Health Association; Canadian Health Association for Sustainability & Equity, 2023)

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-  [Urban adaptation in Europe: what works? - Implementing climate action in European cities](#) (European Environment Agency, 2023)
-  [Climate Change Adaptation and resilience planning - guide for cities](#) (CDP, 2023)
-  [Adapting to Climate Change - CDP guidance for UK local authorities](#) (CDP, 2023)
-  [Assessing Carbon Finance for Nature Restoration in Europe](#) (Endangered Landscapes Programme; United Nations Environment Programme; Royal Society for the Protection of Birds, 2023)
-  [Public Engagement on Climate Change Adaptation](#) (NAP Global Network; Climate Outreach, 2023)
-  [The Third National Adaptation Programme and the Fourth Strategy for Climate Adaptation Reporting](#) (HM Government, 2023)
-  [Guidelines on Member States adaptation strategies and plans](#) (European Commission, 2023)
-  [OECD Work on Climate Adaptation](#) (OECD, 2023)
-  [Climate Adaptation Plans for Schools](#) (Mayor of London, 2023)
-  [Adapting to climate change - Progress in Wales](#) (Climate Change Committee, 2023)
-  [Climate adaptation and resilience plan](#) (Transport for Wales, 2023)
-  [The Development, Climate, and Nature Crisis - Solutions to End Poverty on a Liveable Planet](#) (World Bank, 2023)
-  [A Vision for Protecting Nature - How Natural Climate Solutions Can Benefit the Climate and Outdoor Access](#) (Outdoor Alliance, 2023)
-  [Short Typology of Carbon Dioxide Removals](#) (German Environment Agency (UBA), 2023)
-  [Carbon Capture and Storage](#) (German Environment Agency (UBA), 2023)
-  [Underfinanced. Underprepared. - Adaptation Gap Report 2023](#) (United Nations Environment Programme (UNEP), 2023)
-  [Nature-safe Energy - Linking energy and nature to tackle the climate and biodiversity crises](#) (WWF, 2023)
-  [Planning for climate change and flood risk – training and skills survey for local planning authorities](#) (Town and Country Planning Association, 2023)
-  [Taming Wildfires in the Context of Climate Change](#) (OECD, 2023)
-  [Re-evaluating the sensitivity of habitats to climate change](#) (Natural England, 2023)
-  [Tackling Climate and SDG Action Together](#) (United Nations, 2023)
-  [Climate change adaptation in Green Climate Fund project development](#) (Eco Ltd, 2023)
-  [Our Year in Adaptation - Adaptation progress in 2022-23](#) (The Wildlife Trusts, 2023)
-  [NAP3and the 4thStrategy for Climate Adaptation Reporting](#) (HM Government, 2023)
-  [Thriving - Making Cities Green, Resilient, and Inclusive in a Changing Climate](#) (World Bank Group, 2022)
-  [Changing Nature - A climate adaptation report](#) (The Wildlife Trusts, 2022)
-  [Working with nature](#) (Environment Agency, 2022)
-  [Optimising carbon sequestration in Argyll & Bute](#) (Highlands and Islands Enterprise, 2022)
-  [Tackling Climate Change - Adaptation and Resilience Opportunities](#) (UK Research and Innovation (UKRI), 2022)
-  [Interconnected-Disaster-Risks](#) (United Nations University, 2022)
-  [Net Zero: Making Essex Carbon Neutral](#) (Essex Climate Action Commission; Essex County Council, 2022)
-  [West of England Climate and Ecological Strategy and Action Plan 2022](#) (West of England Combined Authority, 2022)
-  [Reducing peatland emissions](#) (Parliamentary Office of Science and Technology (POST), 2022)
-  [The turning point - A Global Summary](#) (Deloitte, 2022)

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-  [China National Climate Change Adaptation Strategy 2035 \(English translation\)](#) (Central People's Government of the People's Republic of China; Chinese Ministry of Ecology and Environment, 2022)
-  [Too Little, Too Slow \(Adaptation Gap report 2022\)](#) (United Nations Environment Programme (UNEP), 2022)
-  [Climate Resilience Toolkit](#) (National Oceanic and Atmospheric Administration (NOAA), 2022)
-  [Recommendations towards Integrating Mitigation Measures into the National and EU-level Policy Processes](#) (Interreg, 2022)
-  [Why Is Nature Restoration Critical For Climate Mitigation In The EU?](#) (ecologic; Institute for European Environmental Policy, 2022)
-  [Why Is Nature Restoration Critical For Climate Adaptation In The EU](#) (ecologic; Institute for European Environmental Policy, 2022)
-  [A greenhouse gas emissions assessment and target scenario for the New Forest National Park](#) (Small World Consulting, 2022)
-  [Advancing effective and equitable crediting for Natural Climate Solutions](#) (Environmental Defense Fund, 2022)
-  [Climate Adaptation Strategy](#) (Stafford Borough Council, 2021)
-  [Beyond carbon credits - A Blueprint for High-Quality Interventions that Work for People, Nature and Climate](#) (Worldwide Fund for Nature (WWF), 2021)
-  [National Climate Resilience and Adaptation Strategy 2021-2025](#) (Australian Department for Climate Change, Energy, the Environment and Water, 2021)
-  [Climate Change Strategy](#) (Cambridge City Council, 2021)
-  [Network Rail Third Adaptation Report](#) (Network Rail, 2021)
-  [Living better with a changing climate](#) (Environment Agency, 2021)
-  [US Climate Adaptation Action Plan](#) (US Environmental Protection Agency (EPA), 2021)
-  [Case studies on Adaptation and Climate Resilience in Schools and Educational Settings](#) (Global Center on Adaptation, 2021)
-  [Future of Europe 2021](#) (European Commission, 2021)
-  [Global Risks Report 2022](#) (World Economic Forum (WEF), 2021)
-  [First Steps in Urban Heat - For Built Environment Practitioners](#) (Trees & Design Action Group (TDAG), 2021)
-  [EU Missions - 100 Climate-Neutral and Smart Cities](#) (European Commission, 2021)
-  [Unlocking the climate benefits of large-scale nature restoration across the UK - Modelling Logic and Headline Results](#) (Wilder Carbon, 2021)
-  [Unlocking the climate benefits of large-scale nature restoration across the UK - Summary & Findings](#) (Wilder Carbon, 2021)
-  [Unlocking the climate benefits of large-scale nature restoration across the UK - Technical Report](#) (Wilder Carbon, 2021)
-  [Climate Change – Nature-based Solutions](#) (British Expertise, 2021)
-  [Carbon dioxide emissions and woodland coverage where you live](#) (Office for National Statistics (ONS); Forest Research; Department for Environment, Food and Rural Affairs, 2021)
-  [Climate Change 2022 - Mitigation of Climate Change \(Summary for policy makers\)](#) (Intergovernmental Panel on Climate Change, 2022)
-  [Climate Change 2022 - Mitigation of Climate Change \(full report\)](#) (Intergovernmental Panel on Climate Change, 2022)
-  [Green Infrastructure and Climate Change Adaptation](#) (Springer Open, 2022)
-  [Climate Change 2022: Impacts, Adaptation and Vulnerability](#) (Intergovernmental Panel on Climate Change, 2022)

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-  [Natural England's climate change risk assessment and adaptation plan \(2021\)](#), (Natural England, 2022)
-  [Hot Zones - Urban Heat Islands](#) (Climate Central, 2021)
-  [Greenhouse gas removal methods and their potential UK deployment](#) (Department for Business, Energy and Industrial Strategy; UK Centre for Ecology & Hydrology, 2021)
-  [Carbon dioxide emissions and woodland coverage where you live](#) (Office for National Statistics (ONS); Forest Research; Department for Environment, Food and Rural Affairs, 2021)
-  [Let Nature help - How nature's recovery is essential for tackling the climate crisis](#) (The Wildlife Trusts, 2021)
-  [Beating the Heat - A Sustainable Cooling Handbook for Cities](#) (United Nations Environment Programme, 2021)
-  [The Ten Point Plan for a Green Industrial Revolution - Building back better, supporting green jobs, and accelerating our path to net zero](#) (HM Government, 2021)
-  [Landscape 2030](#) (Landscape Institute, 2021)
-  [Carbon Storage and Sequestration by Habitat](#) (Natural England, 2021)
-  [Farming for Change - Mapping a route to 2030](#) (Food, Farming & Countryside Commission, 2021)
-  [The Clyde Climate Forest](#) (GCV Green Network, 2021)
-  [Green Heat in Greenspaces](#) (greenspace scotland, 2021)
-  [Hot Zones: Urban Heat Islands](#) (Climate Central, 2021)
-  [Glasgow City Region Climate Adaptation Strategy and Action Plan](#) (Climate Ready Clyde; Sniffer, 2021)
-  [Cooling Cities, Slowing Climate Change and Enhancing Equity - Costs and Benefits of Smart Surfaces Adoption for Baltimore](#) (Smart Surfaces Coalition, 2020)
-  [Enhancing Coastal Resilience with Green Infrastructure](#) (National Oceanic and Atmospheric Administration (NOAA), 2020)
-  [The path to Net Zero Wales](#) (Climate Change Committee, 2020)
-  [Progress Report - Reducing emissions in Wales](#) (Climate Change Committee, 2020)
-  [Forging a climate-resilient Europe - the new EU Strategy on Adaptation to Climate Change](#) (European Commission, 2020)
-  [Climate change and forests - How do woodlands and forests affect the climate?](#) (Forest Research, 2020)
-  [Climate change, flooding and forests - How can forestry help reduce flooding?](#) (Forest Research, 2020)
-  [Climate change and biodiversity- Can biodiversity help our woodlands in a changing climate?](#) (Forest Research, 2020)
-  [Zero Carbon Strategy](#) (South Cambridgeshire District Council, 2020)
-  [Accelerating business solutions for Climate and Nature - Mapping nature-based solutions and natural climate solutions](#) (World Business Council for Sustainable Development, 2020)
-  [The net zero decarbonisation report - putting net zero at the heart of UK policy](#) (Net Zero all-party Parliamentary Group, 2020)
-  [Carbon Neutrality Action Plan 2020-2025](#) (Cheshire East Council, 2020)
-  [Miami Forever Climate Ready](#) (City of Miami, 2020)
-  [Net zero - How government can meet its climate change target](#) (Institute for Government, 2020)

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-  [Guidebook for Monitoring and Evaluating Ecosystem-based Adaptation Interventions](#) (Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); United Nations Environment Programme (UNEP), 2020)
-  [Global Futures - Modelling the global economic impacts of environmental change to support policy-making](#) (World Wide Fund for Nature, 2020)
-  [ParkPower - Findings Report](#) (Greenspace Scotland, 2020)
-  [Climate Change Adaptation Manual](#) (Natural England; Royal Society for the Protection of Birds (RSPB), 2020)
-  [Climate and biodiversity action plan](#) (Landscape Institute, 2020)
-  [Blueprint for a resilient economy](#) (green alliance, 2020)
-  [A green and pressured land: making sense of the many competing demands for rural and peri-urban land](#) (sustain, 2020)
-  [Green Infrastructure for Climate Adaptation - Visualization, Economic Analysis, and Recommendations for Six Ontario Communities](#) (Green Infrastructure Foundation, 2019)
-  [Comparing the cost-effectiveness of forestry options for climate change mitigation](#) (Forest Research, 2019)
-  [A changing climate for development - A toolkit to support consideration of climate risks in built environment and infrastructure projects](#) (Climate Ready Clyde; Adaptation Scotland, 2019)
-  [green infrastructure and climate change -factsheet 3](#) (Town and Country Planning Association (TCPA); PERFECT project, 2019)
-  [How can your city become... Future-proof?](#) (European Green Capital Network, 2019)
-  [Preparing for a changing climate Good Practice Guidance for Local Government](#) (Department for Environment, Food & Rural Affairs (Defra); The Association of Directors of Environment, Economy, Planning & Transport (ADEPT), 2019)
-  [Green Infrastructure Today, For Resilience Tomorrow](#) (Earth Economics, 2019)
-  [Tap into Resilience Toolkit](#) (WaterNow Alliance, 2019)
-  [Progress in preparing for climate change](#) (Committee on Climate Change, 2019)
-  [Climate Change and Land](#) (Intergovernmental Panel on climate change, 2019)
-  [Climate Change & Water - Why valuing rivers is critical to adaptation](#) (World Wide Fund for Nature, 2019)
-  [People, Place and the Climate Emergency - The contribution of Nature to Community Planning Partnership Priorities](#) (Scottish Natural Heritage (SNH), 2019)
-  [Prosperity for All: A Climate Conscious Wales - A climate change adaptation plan for Wales](#) (Welsh Government, 2019)
-  [Prosperity for All: A Climate Conscious Wales - A climate change adaptation plan for Wales \(Technical Annex\)](#) (Welsh Government, 2019)
-  [Adapting to climate change- Prosperity for All: A Climate Conscious Wales 2020-2025 \(Children's version\)](#) (Welsh Government, 2019)
-  [UK housing: Fit for the future?](#) (Committee on Climate Change, 2019)
-  [Building resiliency through green infrastructure. A Community Wealth Building Approach](#) (The Democracy Collaborative, 2019)
-  [Investing in European success - Innovating Cities in Europe and Worldwide](#) (European Commission, 2019)
-  [green infrastructure and climate change,](#) (Town and Country Planning Association (TCPA); Brillianto, 2019)

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- 📘 [Net Zero – The UK's contribution to stopping global warming](#), (Committee on Climate Change, 2019)
- 📘 [Climate resilience and embracing nature: An ambition for the built environment](#) (UK Green Building Council, 2019)
- 📘 [The European environment — state and outlook 2020 - Knowledge for transition to a sustainable Europe](#) (European Environment Agency, 2019)
- 📘 [Climate, Nature and our 1.5°C Future - A synthesis of IPCC and IPBES reports](#) (WWF, 2019)
- 📘 [Urban Heat Island Strategy](#) (City of Vienna, 2018)
- 📘 [Health in a changing climate - guidance](#) (Greenbelt Foundation, 2018)
- 📘 [Health in a changing climate - Climate Change and Health: Impacts and Opportunities fact sheet](#) (Greenbelt Foundation, 2018)
- 📘 [Financing Climate Futures - Rethinking Infrastructure](#) (Organisation for Economic Co-operation and Development (OECD); United Nations; World Bank Group, 2018)
- 📘 [Financing urban adaptation to climate change](#) (European Environment Agency, 2017)
- 📘 [From Surviving to Thriving: Equity in Disaster Planning and Recovery](#) (Center for Progressive Reform, 2018)
- 📘 [Delivering urban resilience](#) - Costs and benefits of city-wide adoption of smart surfaces to strengthen resilience, improve health and livability, reduce urban inequality, and slow global warming (Capital E, 2018)
- 📘 [Greenhouse gas removal](#) (The Royal Society; Royal Academy of Engineering, 2018)
- 📘 [Natural Flood Management Scotland case studies](#) (James Hutton Institute; Scottish Environmental Protection Agency [SEPA], 2018)
- 📘 [Weathering Change - Community resilience in the face of climate change](#) (Greenspace Scotland, 2018)
- 📘 [Resilient Parks, Resilient City - The Role of Green Infrastructure in Creating Climate Resilient Cities](#) (Park People, 2017)
- 📘 [The Clean Growth Strategy Leading the way to a low carbon future](#) (BEIS, 2017)
- 📘 [Adapting cities to climate change - exploring the flood risk management role of green infrastructure landscapes](#) (Mersey Forest, 2017)
- 📘 [Climate Resilient & Equitable Water Systems Capital Scan](#) (CREWS; California Environmental Associates, 2017)
- 📘 [Ecosystem-based Adaptation to extreme Events](#) (USAID, 2017)
- 📘 [The Economics of Ecosystem-based Adaptation, ecosystem services](#) (USAID, 2017)
- 📘 [Developing the role of community groups in local climate resilience: final report of the Urban Heat project](#) (Policy Studies Institute, 2017)
- 📘 [Smart Growth Fixes for Climate Adaptation and Resilience](#) (US Environmental Protection Agency, 2017)
- 📘 [Climate change, impacts & vulnerability in Europe 2016](#) (European Environment Agency, 2017)
- 📘 [Financing urban adaptation to climate change](#) (European Environment Agency, 2017)
- 📘 [Gardening in a changing climate](#) (Royal Horticultural Society, 2017)
- 📘 [Urban adaptation to climate change in Europe 2016](#) — Transforming cities in a changing climate (European Environment Agency, 2016)
- 📘 [Forests and Climate Change](#) (FAO 2016)
- 📘 [Benefits of GI for heat mitigation and emissions reductions in cities](#) (Trust for Public Land, 2016)
- 📘 [Climate change risk assessment and adaptation plan](#) (Natural England, 2015)

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- 📘 [Reconceptualizing green infrastructure for climate change adaptation](#): Barriers to adoption and drivers for uptake by spatial planners (scientific article in Landscape & urban planting, June 2015)
- 📘 [Economic Assessment of Green Infrastructure Strategies for Climate Change Adaptation: Pilot Studies in The Great Lakes Region](#) (NOAA, 2014)
- 💡 [National biodiversity climate change vulnerability model](#) - results from model and assessment tool (Natural England, 2014)
- 💡 [Adapting to climate change Policy](#) (EA, update 2014)
- 📘 [Climate Change video](#) (narrated by Morgan Freeman 2014)
- 📘 [The heatwave plan for England](#) (NHS, 2014)
- 📘 [Rotterdam Climate Change Adaptation Strategy](#) – incorporating many aspects of SUDS and Green Infrastructure (Rotterdam Climate Change Initiative, 2013)
- 📘 ['Testing the Effectiveness of Climate Change Adaptation Principles for Biodiversity Conservation'](#) (Natural England 2013)
- 📘 [How Local Authorities can reduce emissions and manage climate risk](#), Committee on Climate Change, 2012
- 📘 [Managing risks and increasing resilience](#) (climate change adaptation strategy) (Mayor of London, 2011)
- 📘 [A brief guide to the carbon valuation methodology for UK policy appraisal](#) (Department for Energy and Climate Change (DECC), 2011)
- 📘 [adaptation to climate change using green and blue infrastructure - a database of case studies – executive summary](#) (Town and Country Planning Association (TCPA); GRABS, 2011)
- 📘 [participation in climate change adaptation](#) (Town and Country Planning Association TCPA; GRABS, 2010)
- 📘 [Green Infrastructure Solutions to Pinch Point Issues in the North West – how can GI enable sustainable development](#) (The Mersey Forest et al. 2010); focuses on threats that needs to be addressed as policy priorities in the North West, including flood risk, urban heat islands, inadequate water supply and loss of carbon storage
- 📘 [Slowing the Flow](#) at Pickering is exploring a new approach to flood management. (Forestry Commission 2010)
- 📘 [Green Infrastructure – how and where in the North West it can help to mitigate and adapt to climate change](#) –evidence-based report (partnership report from Green Infrastructure NW 2010)
- 📘 [Defra's Climate change plan 2010](#) (DEFRA), 2010)
- 📘 [The draft climate change adaptation strategy for London](#) (Greater London Authority, 2010)
- 📘 [Improving response, recovery and resilience](#) (Defra/ Environment Agency, 2009)
- 📘 [The UK low carbon transition plan. National strategy for climate and energy](#) (HM Government, 2009)
- 📘 [Heat Island analysis to reduce the public health impact of heat waves](#) (Environment; Risques; Santé, 2009)
- 📘 [Cambridgeshire Quality Charter for Growth](#) (Cambridgeshire Horizons, 2009)
- 📘 [Critical Climate Change Functions of Green Infrastructure for Sustainable Economic Development in the North West](#) (Community Forests Northwest, 2008) – very large file

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- 📘 [Climate Change and Biodiversity Adaptation: The Role of the Spatial Planning System \(Natural England 2009 – please note this was published before the change to Planning System under NPPF in 2012\)](#)
- 📘 [Air quality and climate change: A UK perspective](#) (DEFRA, Air Quality Expert Group (AQEP), 2007)
- 💡 [GRaBS Adaptation Action Planning Toolkit](#) Planning for a Changing Climate Across Europe
- 💡 The [European Climate Adaptation Platform](#) aims to support Europe in adapting to climate change.

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Community engagement & Localism

- 📘 [Introduction to community-based environmental monitoring](#) (Transformative Pathways; Forest people Programme, 2024)
- 📘 [Community Engagement Strategy](#) (City of London, 2024)
- 📘 [Nature based education in the 21st century](#) (Natural England, 2023)
- 📘 [Opening Up Vocational Pathways Into Nature-based Green Jobs](#) (CIEEM; Lantra, 2023)
- 📘 [Making stewardship happen - a process guide for Councils](#) (Town and Country Planning Association (TCPA), 2023)
- 📘 [Measuring Pro-environmental Behaviour and its Determinants](#) (Natural England, 2023)
- 📘 [Green expectations - Involving communities in landscape change](#) (Green Alliance, 2023)
- 📘 [Address Environmental Justice In Your Community - Guide](#) (Future Parks Accelerator, 2022)
- 📘 [How To Engage Communities With Parks - Guide](#) (Future Parks Accelerator, 2022)
- 📘 [Route map towards greater ethnic diversity](#) (Wildlife & Countryside Link, 2022)
- 📘 [Route map towards greater ethnic diversity - guidance manual](#) (Wildlife & Countryside Link, 2022)
- 📘 [Community Environmental Toolkit](#) (Wiltshire Council, 2021)
- 📘 [Hands-on engagement and learning with Ketso](#) (Ketso; University of Manchester, 2021)
- 📘 [BREEAM Communities - Technical Manual](#) (BREEAM, 2020)
- 📘 [Consensus decision making - A guide to collaborative decision-making for activist groups, co-ops and communities](#) (Seeds for Change, 2020)
- 💻 [Parks Community How to Guides](#) (Parks Community UK, 2019)
- 📘 [Taking Action for Urban Nature - Citizen Engagement Handbook](#) (Naturvation, 2019)
- 📘 [Who's with us? Bringing community along on the green space journey](#) (202020 Vision network, 2019)
- 📘 [Stakeholder Engagement Tool](#) (NHS; Department for Health, 2012)
 - 📘 [re-imagining garden cities for the 21st century benefits and lessons in bringing forward comprehensively planned new communities](#) (Town and Country Planning Association (TCPA); Land Securities, 2011)
- 📘 [An Introduction to neighbourhood planning](#) (DCLG 2011)
- 📘 [Community ownership for woodland management](#) (Woodland Trust, 2011)
- 📘 [Community organisations controlling assets: a better understanding](#) (Rowntree Foundation; June 2011)
- 📘 [Community-led spaces](#) (CABE 2010) A guide for local authorities and community groups
- 📘 [Attitudes and behaviours in relation to the environment](#) (Department for Environment, Food & Rural Affairs (Defra), 2007)
- 📘 [Guide for implementing the comprehensive strategy for serious, violent and chronic young offenders](#) (US department for Justice, Office of Juvenile Justice and Delinquency Prevention, 1995)

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Concept statements, master planning & design

-  [Green Infrastructure Planning and Design Guide](#) (Natural England, 2023)
-  [Urban Design Guide \(Edition 10\)](#) (GreenBlue Urban, 2022)
-  [Healthy Streets Design Check England](#) (Healthy Streets, 2021) [Cracking the Code- How design codes can contribute to net-zero and nature's recovery](#) (Royal Town Planning Institute (RTPI); Royal Society for the Protection of Birds (RSPB), 2022)
-  [Cracking the Code - District Level Design Code](#) (Royal Town Planning Institute (RTPI); Royal Society for the Protection of Birds (RSPB), 2022)
-  [Cracking the Code - Site Level Design Code](#) (Royal Town Planning Institute (RTPI); Royal Society for the Protection of Birds (RSPB), 2022)
-  [National Model Design Code](#) (Ministry of Housing, Communities & Local Government (MHCLG), 2021)
-  [climate people places value - Design Principles for National infrastructure](#) (National Infrastructure Commission, 2021)
-  [National Design Guide - Planning practice guidance for beautiful, enduring and successful places](#) (Ministry of Housing, Communities & Local Government, 2021)
-  [Greater Cambridge Sustainable Design and Construction SPD](#) (Greater Cambridge Shared Planning Authority, 2020)
-  [Green Infrastructure Design Guidelines](#) (City of Columbus, 2020)
-  [Greener Places Design Guide - Open Space for Recreation, Urban Tree Canopy, Bushland and Waterways](#) (New South Wales Government, 2020)
-  [Greater Cambridge Sustainable Design and Construction Supplementary Planning Document](#) (Greater Cambridge Shared Planning Authority, 2020)
-  [Delivering Urban Quality - Time To Get Serious- The Case For A Design Quality Unit For England](#) (Place Alliance, 2020)
-  [Design guide - How to achieve quality in development for people, wildlife & the environment \(draft\)](#) (Cornwall Council, 2020)
-  [climate-people-places-value Design Principles for National Infrastructure](#) (National Infrastructure Commission, 2020)
-  [PERFECT expert paper 2 - planning for green infrastructure – the green space factor and learning from Europe](#) (Town and Country Planning Association (TCPA); PERFECT project, 2020)
-  [Inspiring green urbanisation - design guide](#) (Polypipe, 2019)
-  [Sparking Change - Catalyzing the Social Impacts of Parks in Underserved Neighborhoods](#) (Park People, 2019)
-  [National Design Guide - Planning practice guidance for beautiful, enduring and successful places](#) (Ministry of Housing, Communities & Local Government, 2019)
-  [The road to good design](#) (Highways England, 2018)
-  [Guidance on Engaging Communities in Decisions Relating to Land](#) (Scottish Government, 2018)
-  [Future Cities -planning for our urban population](#) (Infrastructure Australia, 2018)
-  [Design and masterplanning -Practical Guides for Creating Successful New Communities](#) - Garden City Standards for the 21st Century series (TCPA, 2017)
-  [locating and consenting new garden cities – Garden City Standards for the 21st Century - Practical Guides for Creating Successful New Communities](#) (Town and Country Planning Association (TCPA), 2017)

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-  [Cities Alive: Designing for Urban Childhoods](#) (Arup, 2017)
-  [Resilient Modern Cities, With a Little Help from Our Nature - Green infrastructure integration into urban spatial planning](#) (CEEWeb, 2017)
-  [A NEW APPROACH TO DEVELOPER CONTRIBUTIONS](#) (HM Government, 2016)
-  [Neighbourhood Plans: In Theory, In Practice, In the Future](#) (NLP Planning, June 2016)
-  [Neighbourhood Planning Technical Information Note](#) (Landscape Institute, 2016)
-  [Nature and Cities - The Ecological Imperative in Urban Design and Planning](#) (Lincoln Institute of Land Use, scientific paper, 2016)
-  [Building better places](#) (House of Lords, 2016)
-  [Space-Syntax](#) a free tool & training for techniques for analysing spatial layouts and human activity patterns in buildings and urban areas, UCL, 2016
-  [Getting Houses Built](#) (CPRE, June 2015)
-  [Demystifying Green Infrastructure](#), UK Green Building Council (2015)
-  Case Study: [Easington Colliery Concept statement](#) -A concept for a place to live, a housing development worth approving (Natural England 2014)
-  [City Health Check: How design can save lives and money](#) (RIBA; 2013)
-  [Design and sustainability business plan](#) (Homes and Communities Agency; June 2013)
-  [Creating Garden Cities and Suburbs today](#) (Town and Country Planning Association (TCPA), 2012)
-  [A Design Wayfinder](#), developed in response to the National Planning Policy Framework (NPPF) emphasis on good design in development (Design Council, 2012)
-  [creating garden cities and suburbs today - policies, practices, partnerships and model approaches – a report of the garden cities and suburbs expert group](#) (Town and Country Planning Association (TCPA); Crest Nicholson; The Lady Margaret Paterson Osborne Trust, 2012)
-  [Design, Implementation and Cost Elements of Green Infrastructure Projects](#) (European Commission 2011) – summary of European research also relevant for economic value of GI
-  [Creating Successful masterplans](#) (CABE 2010) – [summary document](#)
-  [Putting the green in the grey](#) Creating sustainable grey infrastructure A guide for developers, planners and project managers (CABE 2009)
-  [Future health - sustainable places for health and well-being](#) -explaining how good design makes healthy places (CABE 2009)

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Ecological corridors/ GI corridors

-  [Green Network -The Blueprint - Making the Connections](#) (GCV Green Network, 2019)
-  [Liverpool City Region Ecological Network](#) (Liverpool City Region and Nature Connected, 2015) & [interactive map](#)
-  [Green Bridges technical guidance note](#), Landscape Institute, 2015
-  [B-lines](#) – strategies for developing ecological corridors for pollinators (Buglife, 2012)
-  [Developing Urban Blue Corridors Scoping Study](#) (Defra, 2011)

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- 📎 [Y & H GI mapping project](#) (Natural England and Local Authorities, 2011) a worked example how to develop GI or ecological corridors showing methodology, data on each corridor and GIS data sets for download

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Economic Value of Green Infrastructure

- \$LANGUAGEMAKER [Making the case for Investment in Green Infrastructure \(infographic\)](#) (Oxfordshire County Council; Brillianto, 2022)
- \$LANGUAGEMAKER [Why Is Nature Restoration Critical To Sustain Jobs And Economic Benefits From Healthy Ecosystem Services](#) (ecologic; Institute for European Environmental Policy, 2022)
- \$LANGUAGEMAKER [Social and economic benefits of learning in natural environments](#) (Natural England, 2022)
- \$LANGUAGEMAKER [The post-pandemic value of green spaces](#) (Town and Country Planning Association, PERFECT project, 2022)
- \$LANGUAGEMAKER [Making the case for Investment in Green Infrastructure \(policymaker summary\)](#) (Oxfordshire County Council; Brillianto, 2021)
- \$LANGUAGEMAKER [Why should we invest in parks?](#) (Heritage Lottery Fund (HLF), 2021)
- \$LANGUAGEMAKER [Making the case for Investment in Green Infrastructure](#) (Oxfordshire County Council; Brillianto, 2020)
- \$LANGUAGEMAKER [An Economic Impact Assessment of the Green Infrastructure Sector in Ontario](#) (Green Infrastructure Ontario Coalition; Greenbelt Foundation, 2020)
- \$LANGUAGEMAKER [The Dasgupta Review – Independent Review on the Economics of Biodiversity \(Interim Report\)](#) (HM Government, 2020)
 - \$LANGUAGEMAKER [The Blueprint for Increased Investment in Green Infrastructure](#) (Earth Economics, 2019)
 - \$LANGUAGEMAKER [Amsterdam's Green Infrastructure - Valuing Nature's Contributions to People](#) (Dutch National Institute for Public Health and the Environment, 2019)
- \$LANGUAGEMAKER [Valuing green spaces in urban areas: a hedonic price approach using machine learning techniques](#) (Office for National Statistics (ONS), 2019)
- \$LANGUAGEMAKER [The Economic Impact of Parks](#) (National Recreation and Park Association, 2018),
- \$LANGUAGEMAKER [The economic impact of ornamental horticulture and landscaping in the UK](#) (Oxford Economics, 2018)
- \$LANGUAGEMAKER [From Projects to Portfolios Mainstreaming Large-Scale Investment in Integrated Infrastructure](#) (Earth Economics, 2018)
- \$LANGUAGEMAKER [Bridging the finance gap How do we increase financing for conservation?](#) (RSPB, 2018)
- \$LANGUAGEMAKER [Towards the new normal - increasing investment in the UK's Green Infrastructure](#) (Aldersgate Group, 2018)
- \$LANGUAGEMAKER [The economic value of our green spaces](#) (The Land Trust, 2018)
- \$LANGUAGEMAKER [Putting economic values on green infrastructure improvements](#) (Natural England, 2016)
- \$LANGUAGEMAKER [Demystifying Economic valuation](#) (Valuing Nature network, June 2016)
- \$LANGUAGEMAKER [Green Infrastructure Economic Framework](#) (Victoria University; City of Melbourne, 2015)
- \$LANGUAGEMAKER [GI economic Framework](#) (Victoria University and the Government of Victoria, 2015)
- \$LANGUAGEMAKER [The Economic Case for Investment in Natural Capital in England](#) (Eftec, 2015)
- \$LANGUAGEMAKER [State of Natural Capital Report - Restoring our Natural Assets](#) (Natural Capital Committee, 2015)
- \$LANGUAGEMAKER [Calculating the value of Edinburgh's Parks](#) (City of Edinburgh Council, 2014)
- \$LANGUAGEMAKER [The economic benefits of woodland](#) (Woodland Trust, 2015) – research report: the benefits that UK woodland can provide are worth over £270 billion

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- £ [Microeconomic Evidence for the Benefits of Investment in the Environment 2](#) (Natural England June 2014). This report offers an insight into the cause and positive effect of investment into the natural environment. A must-read for anyone who wants to get buy-in from decision makers and funders.
- £ [Restoring ecosystems likely to be economically profitable](#) (European Commission, 2013)
- £ ['Green Infrastructure – Valuation Tools Assessment'](#) (Natural England, 2013) draws together a number of the most widely used tools and assess them against research standards for natural science and economics.
 - £ [Green Infrastructure's contribution to economic growth](#) (Eftec; Sheffield Hallam University; Defra; Natural England, 2013)
- £ [Guide to Multi-Benefit Cohesion Policy Investments in Nature and Green Infrastructure](#), (Inforegio, 2013), discusses how investment in green infrastructure and biodiversity has implications for cohesion policy.
- £ [Case Studies Analyzing the Economic Benefits of Low Impact Development and Green Infrastructure Programs](#) (US EPA, 2013)
- £ [Green Infrastructure's contribution to economic growth: a review](#) (Defra and Natural England, 2013) shows how investment in GI encourages inward investment, attracts increased visitor spending, provides health benefits, generates employment and promotes food production.
- £ ['Realising Nature's Value'](#), (Defra & Ecosystem Markets Task Force, 2013)
- £ [The Economics of Ecosystems and Biodiversity for Water and Wetlands'](#) (IEEP & Ramsar Secretariat, 2013; published as part of TEEB project) - outlines critical water related ecosystem services and urges a major shift in attitudes towards wetlands
- £ [Infrastructure Productivity: How to save \\$1 trillion per year](#) (McKinsey & Company, 2013) report on global infrastructure, referencing Green Infrastructure
- £ ['Benefits of Urban Parks – A systematic review'](#), (International Federation of Parks and Recreation Administration, 2013)
- £ [Building natural value for sustainable economic development: Green Infrastructure Valuation Toolkit](#) (GI North West)
- £ [Guide to Corporate Ecosystem Valuation](#) (World Business Council for Sustainable Development, 2012)
- £ [Economic Benefits of Green Space](#) (2012) – **Forestry Commission** research report providing a critical review of evidence of the net economic benefits, both direct and indirect, of initiatives to improve green space.
- £ [The multifunctionality of Green infrastructure](#) (European Commission, 2012) – reviews the relationship between Green Infrastructure and Ecosystem services and how they can be valued
- £ [The Green Book: appraisal and evaluation in central government](#) (HM Treasury, 2011)
- £ [The economics of ecosystems and biodiversity](#) - Mainstreaming the Economics of Nature: A synthesis of the approach, conclusions and recommendations of TEEB. (United Nations Environment Program 2010)
- £ [Benefits of Green Infrastructure](#) (Forest Research, 2010)
- £ [The Value of Green Infrastructure - A Guide to Recognizing Its Economic, Environmental and Social Benefits](#) (Center for Neighborhood Technology; American Rivers, 2010)
- £ The economic benefits of Green Infrastructure: [The public and business case for investing in Green Infrastructure and a review of the underpinning evidence](#) (Natural Economy North West 2009)

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- ⌚ [The real value of park assets](#) (CABE 2009)
- ⌚ [No Charge? Valuing the Natural Environment](#) (Natural England 2009)
- ⌚ [A Valuation of the Economic and Social Contribution of Forestry for People in Scotland](#) (Forestry Commission, Scotland, 2009)
- ⌚ [The Economic Contribution of The Mersey Forest's Objective One-Funded Investments.](#) (Regeneris Consulting, 2009)
- ⌚ [Social Return on Investment \(SROI\) Analysis of the Greenlink, a partnership project managed by the Central Scotland Forest Trust \(CSFT\)](#) (Greenspace Scotland, 2009)
- ⌚ [Measuring the Economic Value of a City Parks Systems](#) (The Trust for Public Land, 2009)
- ⌚ [Benefits of green infrastructure evidence note - Social interaction, inclusion and community cohesion](#) (Forest Research, 2009)
- ⌚ [The Economic Value of Green Infrastructure](#) (NWDA; Natural Economy NW; Natural England, 2008)
- ⌚ [An evaluation of Cydcoed: the social and economic benefits of using trees and woodlands for community development in Wales](#) (Forest Research, 2008)
- ⌚ [An Introductory Guide to Valuing Ecosystem Services](#) (Defra, 2007)
- ⌚ [The social value of public spaces](#) (Joseph Rowntree Foundation, 2007)
- ⌚ [The contribution of the local environment on the local economy](#) (Groundwork UK, CLES, 2007)

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Ecosystem services

- 📘 [Ecosystem Services Valuation Database](#) (Ecosystem Services Partnership, 2022)
- 📘 [Summary for policymakers of the methodological assessment of the diverse values and valuation of nature](#) (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), 2022)
- 📘 [Valuing Nature \(open access book\)](#) (Valuing Nature, 2022)
- 📘 [A guide for incorporating ecosystem service valuation into coastal restoration projects](#) (The Nature Conservancy, 2020)
- 📘 [Policy tools to manage synergies and trade-offs between ecosystem services](#) (biodiversa, 2019)
- 📘 [Investing in Nature: Private Finance for Nature-based Resilience](#) (Environmental Finance; The Nature Conservancy, 2019)
- 📘 [Approaches to financing nature-based solutions in cities](#) (Grow Green, 2019)
- 📘 [The Little Book of ecosystem services in the city](#) (Imagination Lancaster; Lancaster University, 2018)
- 📘 [Chimney Meadows Ecosystem Services Assessment](#) (Consultancy for Environmental Economics & Policy (CEEP); Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust (BBOWT), 2017)
- 📘 [Delivery of ecosystem services by urban trees](#) (Forestry Commission; 2017)
- 📘 [Defra's Payments for Ecosystem Services Pilot Projects 2012-15](#) Review of key findings (Defra, 2016)
- 📘 [Ecosystem Services](#) (Volume 21, Part B, Pages 175-372; special issue with several science articles, 2016)
- 📘 [Integrating an Ecosystems Approach into Strategic Environmental Assessment](#) information note (Scottish Government, June 2016)
- 📘 [An Evaluation Framework for applying the Ecosystem Approach](#) (SNH, 2016)
- 📘 [Federal Resource Management and Ecosystem Services Guidebook –including Ecosystem Services Assessment methodologies](#) (US National Ecosystem Services Partnership, 2016)

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- 📘 [Blueprints for a Greener Footprint - Sustainable Development at a Landscape Scale](#) (World Economic Forum, 2016) – references ecosystem services
- 📘 [Mainstreaming Ecosystem Services and Biodiversity into Agricultural Production and Management in East Africa](#) (FAO, 2016)
- 📘 [Estimating the economic impacts of ecosystem restoration](#) (US Geological Survey, 2016)
- 📘 [Global Assessment of Non-wood Forest Ecosystem Services](#) (Profor, WAVES, 2015)
- 📘 [Payments for ecosystem services](#) (PES) Round 3 – with case studies from Winford Brook, Energy for Nature (RSPB), Holnicote & Woodland Trust - Smithills (Defra, 2015)
- 📘 [The future of the urban environment and ecosystem services in the UK](#) (Government Office for Science, 2015)
- 📘 [Putting the Ecosystem Approach into practice](#) – what can it do for you? Natural Capital initiative, 2015)
- 📘 [Linkages between biodiversity attributes and ecosystem services: A systematic review](#), Ecosystem Services, Volume 9, September 2014, Pages 191–203 (free scientific article)
- 📘 [Ecosystem Services and Biodiversity](#) (EU Commission, 2015)
- 📘 [Defra Payments for Ecosystem Services \(PES\) Pilot Projects: Review of key findings of Rounds 1 and 2, 2011-2013](#) (Defra, 2014) – several good case studies
- 📘 [Link between biodiversity and ecosystem services & non-monetary valuation](#) (OPENNESS, 2014). Other [Synthesis Papers](#) available.
- 📘 [A strategy for England's wildlife and ecosystem services, Biodiversity Indicators: 2014 assessment](#) (Defra, 2014)
- 📘 [Ecosystem Approach Handbook](#) (Natural England & Countryside, 2014)
- 📘 [A Guidance Manual for Assessing Ecosystem Services at Natura 2000 Sites](#) (RSPB, 2014)
- 📘 [Ecosystem services assessment](#): How to do one in practice (IES, 2013),
- 📘 [Assessing and Evaluating the Cultural Services of the South Pennines Ecosystem Services Pilot](#) (Natural England, 2013)
 - 📘 [Payment for Ecosystem Services Pilot Project: The Fowey River Improvement Auction](#) (University of East Anglia & Westcountry Rivers Trust, 2013)
 - 📘 [Introducing an ecosystem services approach to quarry restoration](#) (Cranfield University, 2013)
 - 📘 [Developing the potential for Payments for Ecosystem Services: An Action Plan](#) (Defra, 2013).
 - 💻 Refreshed **Defra Ecosystem services** webpage. Several of these documents make explicit reference to GI, for example the [Payment for Ecosystem Services \(PES\) Pilot on Flood Regulation in Hull](#)
 - 💻 https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/368126/pes-pilot-findings-141028.pdf (Defra, 2013).
 - 💻 [Ecosystem services mapping gateway](#) (NERC Biodiversity and Ecosystem Services, since 2013)
 - 📘 [Payment for ecosystem services: lessons from around the world](#) (European Commission, 2013)
 - 📘 [What nature can do for you](#) (Defra, 2013) - A practical introduction to making the most of natural services, assets and resources in policy and decision making.
 - 📘 ['Dialogue on Ecosystem Services, Payments and Outcome Based Approaches'](#) (Stockholm Environment Institute, 2013) towards an outcome-based approach for assessing ecosystem service provision.

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- 📘 [Measuring and Managing Corporate Performance in an Era of Expanded Disclosure: A Review of the Emerging Domain of Ecosystem Services Tools](#) (BSR, 2013) - aims to help corporate decision-makers understand the tools available to measure impacts and dependencies on ecosystem services.
- 📘 [Mapping and Assessment of Ecosystems and their Services in Europe](#) - discussion paper (European Commission, 2013)
- 📘 ['A Global Assessment of the Links between Urbanisation, Biodiversity and Ecosystem Services'](#) (Stockholm University et al 2012) – A global assessment of the links between Urbanization, Biodiversity and Ecosystem Services
- 📘 [Ecosystem Services from Environmental Stewardship that benefit agricultural production](#) (Natural England, 2012)
- 📘 [Monitoring and modelling ecosystem services](#) (Natural England, 2011)
- 📘 [Measuring and Monitoring Ecosystem Services at the site-scale](#) (University of Cambridge, UNEP et al, 2011)
- 📘 [Naturally, at your service: Why it pays to invest in nature](#) (RSPB, 2010)
- 📘 [Securing a healthy natural environment; an action plan for embedding an ecosystem services approach](#) (Defra 2007)
- 📘 [An introductory guide to valuing ecosystem services](#) (Defra 2007)

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Food & Agriculture

- 📘 [Five Asks for the Environmental Land Management Schemes \(ELMS\)](#) (Wildlife and Countryside Link, 2024)
- 📘 [The Rural Report 2023-24](#) (Knight Frank, 2023)
- 📘 [Sustainable rural agri-food system transitions in Brazil, India, and South Africa](#) (Climateworks Foundation, 2023)
- 📘 [The State of Food and Agriculture](#) (Food and Agriculture Organisation (FAO), 2023)
- 📘 [Sowing Resilience - Unlocking the potential for regenerative farming](#) (Demos, 2023)
- 📘 [Farming for the future: agroforestry benefits for nature and climate](#) (Woodland Trust, 2022)
- 📘 [Agri-food - Priority actions towards a nature-positive future](#) (Business for Nature, 2023)
- 📘 [Multifunctional landscapes - Informing a long-term vision for managing the UK's land](#) (The Royal Society, 2023)
- 📘 [Agri-environment evidence annual report](#) (Natural England, 2023)
- 📘 [Shaping UK land use - priorities for food, nature and climate](#) (Green Alliance, 2023)
- 📘 [The State of the World's Biodiversity for Food and Agriculture](#) (FAO 2022)
- 📘 [Building on soil sustainability - Principles for soils in planning and construction](#) (Lancaster University, 2022)
- 📘 [Social Agriculture Market Outlook](#) (Green4c, 2021)
- 📘 [Recarbonizing Global Soils - A technical manual of recommended management practices](#) (Food and Agriculture Organization (FAO), 2021)
- 📘 [TEEB For Agriculture And Food – Operational Guidelines For Business](#) (CapitalsCoalition, 2020)
- 📘 [Food Growing and Development \(Planning Advice Note\)](#) (Brighton & Hove City Council, 2020)
- 📘 [The Path to Sustainable Farming - An Agricultural Transition Plan 2021 to 2024](#) (Department for Environment, Food & Rural Affairs (Defra), 2020)
- 📘 [Food growing Resources \(for primary schools\)](#) (Trees for Cities, 2020)

Green Infrastructure & Natural Capital Resource Library (GIRL)



- 📘 [green infrastructure and food - factsheet 4](#) (Town and Country Planning Association (TCPA); PERFECT project, 2019)
- 📘 [Pilot Results-Based Payment Approaches for Agri-environment schemes in arable and upland grassland systems in England](#) (Natural England; Yorkshire Dales National Park Authority, 2019)
- 📘 [Food growing on prescription - Social prescribing and London's community garden and food growing sector](#) (sustain, 2019)
- 📘 [Our future in the Land](#) (RSA; Food, Farming & countryside Commission, 2019)
- 📘 [edible garden cities - Practical Guides for Creating Successful New Communities](#) (Town and Country Planning Association (TCPA), 2019)
- 📘 [Part 9 of the Community Empowerment \(Scotland\) Act 2015 – Allotments - Guidance for Local Authorities](#) (Scottish Government, 2019)
- 📘 [Green infrastructure within agricultural landscapes strengthens the supply of ecosystem service](#) (Biodiversa, 2019)
- 📘 [Food Growing in Parks: A Guide for Councils](#), (Sustain, 2018)
- 📘 [Health and Harmony: the future for food, farming and the environment in a Green Brexit](#) (Department for Environment, Food & Rural Affairs (Defra), 2018)
- 📘 [The role of cities in the transformation of food systems: sharing lessons from Milan pact cities](#) (Food and Agriculture Organization of the United Nations (FAO), 2018)
- 📘 [Integrating Food into Urban Planning](#) (Food and Agriculture Organization of the United Nations (FAO), 2018)
- 📘 [Pollinators, Pollination and Food Production](#), (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), 2016)
- 📘 [Urban Farming on roofs, naturally](#) (Optigreen, 2016)

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Funding

Actual funding sources

- ￡ [HS2 Community Fund](#) for pedestrian, cycle, landscape, nature conservation, biodiversity and greenspace projects; up to £1m per grant Groundwork UK, opened 2017)
- ￡ [People's Trust for Endangered Species](#) Main grant is UK mammal grant £500 - £30,000. check next deadline online
- ￡ [Bags of Help](#), Tesco/ Groundwork, up to £20k for community greenspaces, opens in April each year
- ￡ [People's Postcode Trust](#) Applications biannually April & Oct. Grants ranging from £500- £10,000. The Trust acts within six fields of operation, including Health, Community Development and Environmental Protection. Phone 0131 555 7287 or [email](#)
- ￡ Woodland Trust [Free Tree Pack](#) for Community & schools, apply in September

Guidance where to get funding from/ Green Finance

- ￡ [Financing the Nature-Positive Transition Understanding the Role of Banks, Investors and Insurers](#) (World Economic Forum, WEF, 2024)
- ￡ [The State of UK Nature Markets 2023](#) (Broadway Initiative; Green Finance Institute; finance earth, 2023)
- ￡ [UK Green Finance Review](#) (Heritage Fund; finance earth, 2022)

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- 💡 [The State of Finance for Nature in the G20](#) (United Nations Environment Programme (UNEP), 2022)
- 💡 [Alternative funding mechanisms for green space](#) (sweep, 2021)
- 💡 [Green Finance Toolkit for Place Leaders](#) (ADEPT; amey, 2020)
- 💡 [Demystifying Green Finance](#) (Valuing Nature, 2019)
- 💡 [Demystifying Cost Benefit Analysis](#) (Valuing Nature, 2019)
- 💡 [Charitable Giving to Parks and Green Spaces](#) (Leeds Park Fund; University of Leeds, 2019)
- 💡 [Funding nature's recovery: how new public spending can unlock private investment](#) (green alliance; The National Trust, 2018)
- 💡 [The Outline Business Case for a Natural Environment Impact Fund](#) (Department for Environment, Food & Rural Affairs (Defra); Vivid Economics; Environmental Finance, 2018)
- 💡 [Accelerating green finance - Green Finance Taskforce report](#) (Department for Business, Energy & Industrial Strategy (BEIS), 2018)
- 💡 [Natural England's Green Infrastructure guidance, Funding section p79-89](#)
- 💡 [potential funding for Community greenspaces](#) (DCLG 2011)
- 💡 [Paying for parks: Eight models for funding green spaces](#) (CABE, 2006)

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Green Infrastructure guidance (general)

- ⭐ [North West Green Infrastructure guide](#) (hands on guide how to develop GI strategy; and a supplementary technical document: [green Infrastructure mapping method](#) on the steps of data mapping, functionality and needs assessment)

- 📘 [From patchwork to tapestry - Overcoming barriers to planning for long-term stewardship in existing communities](#) (Town and Country Planning Association, 2024)
- 📘 [Plymouth Natural Grid - end of project report](#) (Plymouth City Council; The National Trust, 2023)
- 📘 [Green Infrastructure Assessments - A guide to key Natural Resources Wales' datasets and how to use them as part of a Green Infrastructure Assessment](#) (Natural Resources Wales, 2023)
- 📘 [Land use monitoring and land take in international comparison](#) (German Environment Agency (UBA), 2023)
- 📘 [Tackling the climate and biodiversity crises in Europe through Urban Greening Plans](#) (Umweltbundesamt, 2023)
- 📦 [Green Infrastructure interactive map for England](#) (Natural England, 2023)
- 📘 [Environment and Historic Environment Outcomes Valuation Guidance](#) (Environment Agency, 2023)
- 📘 [A toolkit for city regions and local authorities](#) (Ashden, 2022)
- 📘 [Urban sustainability in Europe - Post-pandemic drivers of environmental transitions](#) (European Environment Agency, 2022)
- 📘 [Introduction to the Green Infrastructure Framework - Principles and Standards for England](#) (Natural England, 2022)
- 💻 [GBGI database \(mainly science journals\)](#) (RECLAIM, 2022)
- 📘 [Green Infrastructure Guide](#) (London Legacy Development Corporation, 2022)
- 📘 [Improving the performance of linear assets through green infrastructure](#) (CIRIA, 2021)
- 💻 [England Green Infrastructure Mapping Database - User Guide](#) (Natural England, 2021)

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-  [Study on green infrastructure deployment and ecological connectivity status in Albania, Bosnia-Herzegovina, Montenegro, Serbia and North Macedonia](#) (European Commission, 2021)
-  [Handbook for Recognising and Planning Green Infrastructure](#) (Institute for Water of the Republic of Slovenia; Ministry of the Environment and Spatial Planning, 2021)
-  [Green infrastructure for human health, climate adaptation, and biodiversity in urban areas.](#) (University of Twente, 2021)
-  [Green infrastructure - concepts, perceptions and its use in spatial planning](#) (Newcastle University, 2010)
-  [Cities between Grey and Green - How can Green Infrastructure help cities deal with Climate Change? \(MSc thesis\)](#) (MSc thesis, 2020)
-  [Retrofitting for resilience: green infrastructure and its impact on urban health \(MSc thesis\)](#) (University of Strathclyde, 2020)
-  [Green Infrastructure in the Decade for Delivery: Assessing Institutional Investment](#) (OECD, 2020)
-  [Green City Guidelines](#) (International Association of Horticultural Producers (AIPH), 2020)
-  [Making the Case for Green Infrastructure - Lessons from Best Practice](#) (UK Green Building Council, 2020)
-  [What does good GI policy look like?](#) (TCPA; PERFECT project, 2020)
-  [Manual of Green Infrastructure Functionality Assessment - Decision Support Tool](#) (MaGICLandscapes, 2020)
-  [New Jersey Developers Green Infrastructure Guide](#) (New Jersey Future; New Jersey Builders Association, 2020)
-  [A sustainable Oxford-Cambridge corridor? - Spatial analysis of options and futures for the Arc](#) (ITRC, 2020)
-  [A Green Investment Architecture for India](#) (Observer Research Foundation, 2020)
-  [Roadmap for green roofs, walls and facades in Australia's urban landscapes 2020-2030](#) (University of Melbourne; UNSW Sydney; Hort Innovation, 2020)
-  [25 Year Environment Plan Progress Report 2019 to 2020](#) (HM Government, 2020)
-  [Green Values Strategy Guide - Linking Green Infrastructure Benefits to Community Priorities](#) (Center for Neighborhood Technology (CNT), 2020)
-  [Green Infrastructure Policy Assessment Tool](#) (Mainstreaming Green Infrastructure; Northumbria University, 2020)
-  [Practical how-to guide - Developing and implementing a green infrastructure strategy](#) (UK Green Building Council, 2019)
-  [Understanding our growing environmental vocabulary](#) (Mainstreaming Green Infrastructure; Northumbria University, 2019)
-  [Mainstreaming Green Infrastructure \(TCPA journal special edition\)](#) (Town and Country Planning Association (TCPA), 2019)
-  [Green Infrastructure Guide](#) (National Council for Sustainable Development, 2019)
-  [Green Infrastructure focus- interactive map](#) (Mayor of London, 2019)
-  [Strategic Green Infrastructure and Ecosystem Restoration -Geospatial methods, data and tools,](#) (European Environment Agency (EEA), 2019)
-  [Green Infrastructure Handbook - Conceptual & Theoretical Background, Terms and Definitions](#) (Managing Green Infrastructure in Central European Landscapes, 2019)
-  [Manual of Transnational Green Infrastructure Assessment - Decision Support Tool](#) (Managing Green Infrastructure in Central European Landscapes, 2019)
-  [Review of progress on implementation of the EU green infrastructure strategy](#) (European Commission, 2019)

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-  [Guidance on a strategic framework for further supporting the deployment of EU-level green and blue infrastructure](#) (European Commission, 2019)
-  [The Case for Green Infrastructure in Latin America and the Caribbean](#) (Inter-American Development Bank, 2019)
-  [Strategies for Operationalizing Nature-Based Solutions in the Private Sector](#) (The Nature Conservancy, 2019)
-  [Integrating green and blue spaces into our cities: - Making it happen](#) (Imperial College London, 2019)
-  [Rethinking green infrastructure - case studies, participation tools and stakeholders' involvement processes](#) (PERFECT; Town and Country Planning Association (TCPA), 2019)
-  [planning for green infrastructure – the green space factor and learning from Europe](#), (Town and Country Planning Association (TCPA), 2019)
-  [Green Infrastructure techniques](#) (Grow NYC, 2019)
-  [Green area per capita \(data\)](#) (United Nations, 2018)
-  [Assessing the thermal performance of green infrastructure on urban microclimate \(PhD thesis\)](#) (University of New South Wales, 2018)
-  [Green Infrastructure Investment Opportunities Australia & New Zealand](#), (Climate Bond Initiative, 2018)
-  [Homes for people – how to build housing in a nature-friendly way](#) (The Wildlife Trusts, 2018)
-  [52 steps towards a greener city](#) (European Union, 2018)
-  [Incentives for Green Infrastructure Implementation on Private Property: Lessons Learned](#) (The Water Research Foundation, 2018)
-  [Urban Greening Factor Study](#) (City of London, 2018)
-  [Delivering green infrastructure along linear assets. Scoping study](#) (CIRIA, 2018)
-  [Envisioning A Great Green City - Our Vision for a Sustainable Urban Century](#) (The Nature Conservancy, 2018)
-  [Green Infrastructure Mapping Guide](#) (National Oceanic and Atmospheric Administration (NOAA), 2018)
-  [PERFECT MAGIC Matrix - for a strategic approach to developing green infrastructure action plans](#) (Town and Country Planning Association (TCPA); PERFECT; Brillianto, 2018)
-  [NERC projects and programmes relevant to Green Infrastructure](#) (Mainstreaming Green Infrastructure; Northumbria University, 2018)
-  [maximising the benefits of green infrastructure in social housing](#) (Scottish Natural Heritage [SNH], 2018)
-  [Green Infrastructure - Menu of State Policy Options](#) - Benefits for State Legislators (US Green Building Council, 2018)
-  [London Environment Strategy](#) (Mayor of London, 2018)
-  [Urban Green Infrastructure A foundation of attractive and sustainable cities](#) Pointers for municipal practice (Bundesamt fur Naturschutz/ German Federal Agency for Nature Conservation, 2017)
-  [Greening the Grey: a framework for integrated green grey Infrastructure](#) (University of Glasgow; Oxford University, 2017)
-  [Urban Greening Factor for London Research Report](#) (Greater London Authority, 2017)
-  [A Greener New York is a Safer New York](#) (New York Restoration Project, 2017)
-  [Translating Green Infrastructure research into decision making and practice](#) (Centre for Ecology & Hydrology, 2017)
-  [Review of the Natural Environment Research Council Green Infrastructure Innovation Programme](#) (Birmingham City University; Natural Environment Research Council, 2017)

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-  [Garden City Standards for the 21st Century - Practical Guides for Creating Successful New Communities guide 9 long-term stewardship](#) (Town and Country Planning Association (TCPA), 2017)
-  Planning for green and prosperous places - [Garden City Standards for the 21st Century](#) -Practical Guides for Creating Successful New Communities (TCPA, 2017)
-  [Green Infrastructure and a Checklist for Implementing a Successful Plan](#) (ESRI & ICMA, 2017)
-  [Green Infrastructure designs scalable solutions to local challenges \(community toolkit\)](#) (Delta Institute, 2017)
-  [A Green Infrastructure Guide for Small Cities, Towns and Rural Communities](#) (Green Belt & Green Infrastructure Ontario Coalition, June 2017)
-  [Tackling barriers to Green Infrastructure- An audit of local codes and ordinances](#) (Sea Grant University of Wisconsin, 2017)
-  [Green Infrastructure in Parks - resource guide for planning, designing and implementing](#) (National Recreation and Park Association, 2017)
-  [Planning and Implementing Living Infrastructure in the Australian Capital Territory](#) (Canberra Urban and Regional Futures; university of Canberra, 2017)
-  [A Green Network Strategy for the Glasgow City Region](#) (GCV Green Network, 2017)
-  [Green Infrastructure - A Practitioner's Guide](#) (Centre for Science and Environment; Indian Ministry of Housing and Urban Affairs, 2017)
-  [Green Infrastructure: Engineering to Benefit Business and Biodiversity - Living solutions to environmental challenges on corporate lands](#) (Wildlife Habitat Council, 2017)
-  [Community Project Toolkit](#) (Groundwork) (Groundwork UK, 2017)
-  [Green Infrastructure Opportunities that Arise During Municipal Operations](#) (US Environmental Protection Agency (EPA), 2015)
-  [Green Infrastructure developers guide –case studies, benefits, cost comparison with grey infrastructure](#) (New Jersey Future; New Jersey Builders Association, 1995)
-  [Greening the city regions Opportunities for new metro mayors](#) (Campaign for better Transport; National Trust; Green Alliance; Campaign to Protect Rural England (CPRE); The Wildlife Trusts, 2017)
-  [Development of Green Infrastructure in EU regions - Nature-based solutions delivering multiple benefits](#) (Interreg Europe; European Commission, 2017)
-  [Green infrastructure - a vital step to brilliant Australian cities](#) (AECOM, 2017)
-  [Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#) (US EPA, 2017)
-  [Exploring the Green Infrastructure workforce](#) – a natureworks issue brief (Jobs for the Future, 2017)
-  [Nature-based solutions for sustainable urban development](#) (ICLI, 2017)
-  [Interactive map - Green Infrastructure indicators - characterise green infrastructure at the city level and in the peri-urban area](#) (European Environment Agency, 2017)
-  [Green Infrastructure effectiveness database](#) - compilation of literature resources documenting the effectiveness of using green infrastructure to reduce impacts from coastal hazards (US National Oceanic and Atmospheric Administration NOAA, 2017)
-  [Green Infrastructure – a prospectus for lowland Derbyshire and Nottinghamshire - investing in natural capital for the benefit of the economy, people and nature](#)(Lowland Derbyshire and Nottinghamshire Local Nature Partnership, Jan2017)
-  [Review of the Natural Environment Research Council Green Infrastructure Innovation Programme](#) (University of Birmingham/ NERC, 2017)

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-  [Vision and Principles for the Improvement of Green Infrastructure in Buckinghamshire and Milton Keynes](#) (Buckinghamshire and Milton Keynes Natural Environment Partnership, 2016)
-  [Green Infrastructure – Research into Practice](#) (University of the West of England (UWE), 2016)
-  [Strategic Plan for Greenways](#) (Department for Infrastructure Northern Ireland, 2016)
-  [City Green: Innovative Green Infrastructure Solutions for Downtowns and Infill Locations](#)
www.epa.gov/smartgrowth/city-green-innovative-green-infrastructure-solutions-downtowns-and-infill-locations (US EPA; 2016)
-  [Supporting the Implementation of Green Infrastructure](#) (European Commission, 2016)
-  [City Parks, Clean Water - Making great places using green infrastructure](#) (Trust for Public Land, 2016)
-  [Updated GI guidance](#) (DCLG, 2016)
-  [Green Capital Green Infrastructure for a future city](#) - Green Infrastructure for a future city (Mayor of London, Natural England, Cross- River partnership, 2016)
-  [Advanced urban green infrastructure planning and implementation](#) (Greensurge, 2016)
-  [Report on the Potential for Integrating Monetary and Non-Monetary Valuation of Urban Ecosystem Services](#) (Greensurge, 2016)
-  [Iterative place-based knowledge gathering in Urban Learning Labs](#) (Greensurge 2016)
-  [Innovative Governance of Urban Green Spaces](#) (Greensurge, 2016)
-  [Integrating Green Infrastructure Ecosystem Services into Real Economies](#) (Greensurge, 2015)
-  [Local Learning Alliances established in five Urban Learning Labs](#) (Greensurge, 2015)
-  [Green Infrastructure Planning and Implementation](#) (Greensurge, 2015)
-  [A Typology of Urban Green Spaces, Ecosystem Provisioning Services and Demands](#) (Greensurge, 2015)
-  [Green Infrastructure and the Sustainable Communities Initiative](#) (US Department of Housing, 2015)
-  [Green Bridges – technical guidance note](#) (Landscape Institute, 2015)
-  [Spatial analysis of green infrastructure in Europe](#) (European Environment Agency, Mar 2014)
-  [Cities Alive - Rethinking Green Infrastructure](#) (ARUP 2014)
-  [Green Infrastructure in the energy sector](#) (European Commission, 2014)
-  [Green Infrastructure training manual for trainers](#) (European Centre for Nature Conservation; CEEweb, 2014)
-  [Green City Guidance](#) (International Association of Horticultural Producers, 2014)
-  [Getting to Green: Paying for Green Infrastructure - Financing Options and Resources for Local Decision-Makers](#) (US Environmental Protection Agency EPA, 2014)
-  [Atlanta BeltLine - 2030 STRATEGIC IMPLEMENTATION PLAN FINAL REPORT](#) (Atlanta Beltline, 2013)
-  [National Planning Practice Guidance](#) (DCLG, 2013) - The sections on [Biodiversity, ecosystems and green infrastructure](#) supports the National Planning Policy Framework policy on these work areas should be taken into account in plan-making and decision-taking on planning applications. Some of the sections on [Climate Change](#) and the [Open space, green space and rights of way](#) section may be particular relevant in the context of GI.
-  [Enriching our Society through Natural Solutions](#) (CEEweb for Biodiversity and ECNC, 2013), focussing on why and how to make GI projects a sustainable answer to ecological, social and economic problems.
-  [The case for Green Infrastructure](#), joint industry white paper (Nature Conservancy, 2013)
-  [Building a Green Infrastructure for Europe](#) (EC, 2013)
-  The Natural Choice: securing the value of Nature ([Natural Environment White Paper](#); Defra; June 2011; provides strong support for the concept of Green Infrastructure)
-  [Urban Green Infrastructure](#), Parliamentary Office of Science & Technology (November 2013)

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- 📘 [Planning naturally – Spatial planning with nature in mind: in the UK and beyond](#) (RSPB, CIEEM and RTPI, 2013). The report is structured around 12 principles of good spatial planning, illustrated with case studies from the UK and abroad, capturing a broad range of issues critical in the planning system.
- 📘 [Green Infrastructure: An integrated approach to land use](#) (Landscape Institute position statement, 2013)
- 📘 [Green Infrastructure – Enhancing Europe's Natural Capital](#) (European Commission, 2013) sets out a concept for a European-wide GI strategy.
- 📘 [Planning for a healthy and natural environment, good practice for green infrastructure and biodiversity'](#) (The Wildlife Trusts and TCPA 2012)
- 📘 [The multifunctionality of Green Infrastructure](#), (European Commission, 2012)
- 📘 [Green Infrastructure Implementation and Efficiency](#) (European Commission 2012)
- 📘 [Smart and Green The Future of Visegrad Cities](#) (CEEweb, 2012)
- 📘 [Green Infrastructure and Territorial Cohesion](#) - Technical Report (European Environment Agency 2011) - on the concept of GI and its integration into policies using monitoring systems
- 📘 [London Garden City?](#) From green to grey; observed changes in garden vegetation structure in London (London Wildlife Trust, 2011)
- 📘 [Multifunctional Urban Green Infrastructure](#) (CIWEM, 2010)
- 📘 [Green Infrastructure Benefits and Costs](#) (Milwaukee Metropolitan Sewerage District, 2010)
- 📘 [Natural England's Green Infrastructure guidance](#) (2009)
- 📘 [Putting the green in the grey - Creating sustainable grey infrastructure: A guide for developers, planners and project managers](#) (Natural Economy North West (NENW), 2007)
- 📘 [Green Infrastructure - Smart Conservation for the 21st Century](#) (Sprawl Watch Clearinghouse, 2004) – first published definition of GI principles!
- 📘 [Natural England Green Infrastructure pages](#) (archived June 2014)

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Green Infrastructure policy examples (core strategies and Local Plans)

- ⭐ Cambridgeshire City Council – Policy 31: Integrated water management and the water cycle (incl. SUDS) in [Local Plan](#) submission (2014)
- 📘 [Plymouth Local Plan \(adopted 2015\) – Theme 3 Green city; Policy 6 Enhancing Plymouth's role in maintaining the south west's special natural environment; Policy 14 'Optimising the health and wellbeing benefits of the natural environment.'](#)
- 📘 [London Borough of Hounslow Local Plan \(adopted 2015\) \[chapter 7 Green and Blue infrastructure\]\(#\)](#)
- 📘 [Hastings BC Local Plan \(adopted 2014\) – \[chapter protecting environment\]\(#\) POLICY EN2: Green Infrastructure Network](#)
- 📘 [Liverpool Local Plan](#) Green Infrastructure policy, Developer contributions SPD and Design for Access for all SPD (2013)
- 📘 [Manchester Local Plan](#) - core strategy: GI policy (2012)
- 📘 [Tafford Planning Obligations SPD](#) –good practice example of securing Green Infrastructure through planning obligations (adopted 2012)
- 📘 [Planning for places - Delivering good design through core strategies](#) (CABE 2009)

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Examples of GI strategies and action plans

- 📘 [Planning for a healthy environment – good practice guidance for green infrastructure and biodiversity](#) - A list of 'model policies and approaches' can be found in annex c (TCPA & TWT, 2013)

Regional

- 📘 [South East Green Infrastructure framework](#) (South East Green Infrastructure Partnership, 2009)

Sub-regional

- 📘 [West of England Joint Green Infrastructure Strategy 2020-2030](#) (West of England Combined Authority, 2020)
- 📘 [All London Green Grid – policy framework to promote the design and delivery of 'green infrastructure' across London](#) (Greater London Authority, 2015)
- 💻 [Mersey Forest Plan](#) (Mersey Forest, 2014) for Merseyside & Cheshire focusing on trees and woodland
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- ⭐ [North West Green Infrastructure guide](#) (hands on guide how to develop GI strategy; and a supplementary technical document: [green Infrastructure mapping method on the steps of data mapping, functionality and needs assessment](#))
- ⭐ [Natural England's Green Infrastructure guidance](#) (2009)

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 - 📘 [the green space factor and the green points system \(GRaBS Expert Paper 6\)](#)
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- 📘 [Methods used to appraise and/or access an area for Green Infrastructure](#) (Telford Access to Nature Partnership Project 2013)
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-  [Green Flag award \(Keep Britain Tidy\)](#)
-  [Country Park accreditation scheme \(Natural England\)](#)

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-  [National Evaluation of the Preventing and Tackling Mental Ill Health through Green Infrastructure Social Prescribing Project](#) (University of Sheffield; University of Exeter; Sheffield Hallam University, 2024)
-  [Green and healthy Nordic cities](#) (Nordregio, 2024)
-  [Health, hope and prosperity - a vision for healthy new towns](#) (Town and Country Planning Association, TCPA, 2024)
-  [Healthy Homes fact checker](#) (Town and Country Planning Association, 2024)
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-  [Green Social Prescribing Toolkit](#) (National Academy for Social Prescribing, 2023)
-  [Exploring perceptions of green social prescribing among clinicians and the public](#) (Department of Health & Social Care, 2023)
-  [National green social prescribing delivery capacity assessment - final report](#) (Department of Health & Social Care, 2023)
-  [Nature Nurtures - Wild Walks Pilot](#) (Natural England, 2023)
-  [How the natural environment can support health and wellbeing through social prescribing](#) (National Academy for Social Prescribing, 2022)
-  [Creating Urban Wetlands for Wellbeing](#) (Wildfowl and Wetland Trust, 2022)
-  [Nature-Based Play - Fostering connections for children's wellbeing and climate resilience](#) (ARUP; WWF; real play coalition, 2022)
-  [Young, Green and Well](#) (Parks for London, 2022)
-  [Health in Parks - Guide](#) (Future Parks Accelerator, 2022)
-  [Links between natural environments and physical health](#) (Natural England, 2022)
-  [Why is Nature Restoration Critical to Improving Human Health and Well-being](#) (ecologic; Institute for European Environmental Policy, 2022)
-  [Nature and mental health](#) (Mind, 2021)
-  [EU Blueprint on Green Care: Nature for Health, Well-being and Social Inclusion.](#) (Green4c, 2021)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [Urban Green Care Market Outlook](#) (Green4c, 2021)
-  [Green Care Tourism Market Outlook](#) (Green4c, 2021)
-  [Physical Activity, Wellness and Public Health case studies](#) (Sheffield Hallam University, 2021)
-  [Valuing the mental health benefits of woodlands](#) (Forest Research, 2021)
-  [Healthy Parks Healthy People](#) (Europarc, 2021)
-  [Green and blue spaces and mental health - new evidence and perspectives for action](#) (World Health Organisation (WHO), 2021)
-  [Environmental Science and Mental Health Review](#) (Valuing Nature Programme, 2021)
-  [Health on the High Street: Embedding healthy living into urban regeneration after the pandemic](#) (Social Market Foundation, 2021)
 -  [How green infrastructure contributes to the Healthy Streets Approach](#) (Transport for London (TfL); Mayor of London, 2021)
-  [A rapid scoping review of health and wellbeing evidence for the Framework of Green Infrastructure Standards](#) (Natural England; Exeter University, 2020)
-  [Green Walking in Mental Health Recovery - A Guide](#) (Centre for Sustainable Healthcare, 2020)
-  [Worlds of Influence - Understanding What Shapes Child Well-being in Rich Countries](#) (unicef, 2020)
-  [Engagement with nature and Covid-19 restrictions](#) (Forest Research, 2020)
 -  [The Little Book of health of cities](#) (Imagination Lancaster; Lancaster University, 2019)
-  [Birmingham Health Economic Assessment & Natural Capital Accounts - Revealing the True Value of Council-managed Parks and Green Estate](#) (Birmingham City Council; Consultancy for Environmental Economics & Policy, 2019)
-  [Nature and Ageing Well in Towns and Cities: Why the natural environment matters for healthy ageing](#) (The Green Infrastructure and the Health and Wellbeing Influences on an Ageing Population (GHIA) project, 2019)
-  [The Healing Power of Nature - How Green Space is Improving Health and Wellbeing in Cities](#) (Nature Sacred; Pennsylvania Horticultural Society, 2019)
-  [Putting Health into Place - Plan, Assess and Involve](#) (National Health Service (NHS); Town and Country Planning Association (TCPA); The Young Foundation; Public Health England, 2019)
-  [What Policymakers Need To Know - Improving Wellbeing through Urban Nature](#) (Improving Wellbeing through Urban Nature (IWUN), 2019)
-  [Supporting young people's mental health - how urban nature can help](#) (Improving Wellbeing through Urban Nature (IWUN), 2019)
-  [What Voluntary and community Groups need to know about improving wellbeing through nature](#) (Improving Wellbeing through Urban Nature (IWUN), 2019)
-  [Supporting people with mental health difficulties - how urban nature can help](#) (Improving Wellbeing through Urban Nature (IWUN), 2019)
-  [Putting health into Place - Design, Deliver and Manage](#) (National Health Service (NHS); Town and Country Planning Association (TCPA); The Young Foundation; Public Health England, 2019)
-  [Play must stay - campaign leaflet](#) (Mumsnet; Association of Play Industries, 2019)
-  [Creating healthy places - Perspectives from NHS England's Healthy New Towns programme](#) (The Kings Fund, 2019)
-  [What Healthcare Professionals Need To Know](#) (Improving Wellbeing through Urban Nature (IWUN), 2019)
-  [Greenspace and Health Strategic Framework for Edinburgh & Lothians](#) (Edinburgh & Lothians Health Foundation, 2019)

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-  [Interactive map: Access to Health Assets & Hazards Index \(including blue and green infrastructure & Air quality\)](#) (Consumer Data Research Centre, 2019)
-  [Supporting People's Mental Wellbeing Through Urban Nature – Challenging Inequalities](#) (Improving Wellbeing through Urban Nature (IWUN), 2019)
-  [Public Health Profiles \(fingertips tool\)](#) (Public Health England (PHE), 2019)
-  [Annual Review of Public Health: The Economic Case for the Prevention of Mental Illness](#) (Annual reviews, 2019)
-  [Social Return on Investment analysis of the health and wellbeing impacts of Wildlife Trust programmes](#) (Leeds Beckett University, The Wildlife Trusts, 2019)
-  [Spatial Planning and Health - Getting Research into Practice \(GRIP\)](#) (Public Health England, UWE Bristol, 2019)
-  [Nature and Health in the West of England](#) (West of England Nature Partnership (WENP), 2019)
-  [Green Space and Well-being - a good practice guide for housing associations](#) (Natural Resources Wales (NRW); Linc; Growing Green Spaces, 2019)
-  [Demystifying Health Metrics](#) (Valuing Nature Network, 2019)
-  [Scotland's outdoors - Our Natural Health Service](#) (Scottish Natural Heritage; NHS Scotland, 2018)
-  [Healthy High Streets - Good place-making in an urban setting](#) (Public Health England (PHE); Institute of Health Equity, 2018)
-  [Physical activity and the environment](#) (Public Health England; National institute for Health and Care Excellence, 2018)
-  [Places, spaces, people and wellbeing -briefing & Systematic review](#) (What Works Wellbeing; Leeds Beckett University; Public Health Institute, Liverpool John Moore's University; University of Liverpool, 2018)
-  [The Health Impacts of too much Screen Time ~ Screen Time vs Green Time](#) (Nature Canada, 2018)
-  [Green Infrastructure and health – factsheet 1](#) (PERFECT, TCPA, 2018)
-  [Essentials Guide - Sustainable Management of Natural Resources and our Well-being](#) (Welsh Government, 2018)
-  [Demystifying Health](#) (Valuing Nature Network, 2018)
-  [Branching Out Economic Study Extension - innovative development for adults who use mental health services in Scotland](#) (Forestry Commission (FC), 2016)
-  [Creating healthier places and spaces for our present and future generations](#) (NHS Wales, 2018)
-  [A systematic review of outdoor recreation \(in green space and blue space\) for families to promote subjective wellbeing](#) (What works Wellbeing; Brunel University London; Anglia Ruskin University; University of Winchester; The London School of Economics, 2018)
-  [Assessing the relationship between subjective wellbeing and spending time with family in the outdoors](#) (What works Wellbeing; Brunel University London; Anglia Ruskin University; University of Winchester; The London School of Economics, 2018)
-  [Family and outdoor recreation - briefing](#) (What works Wellbeing; Brunel University London; Anglia Ruskin University; University of Winchester; The London School of Economics, 2018)
-  [health, wealth and happiness –the multiple benefits of green infrastructure](#) (Town and Country Planning Association (TCPA); PERFECT, 2018)
-  [Outdoor learning: closing the attainment gap in primary schoolchildren in Scotland](#) (Forest Research, 2018)
-  [planning healthy weight environments –a TCPA reuniting health with planning project](#) (Town and Country Planning Association (TCPA); Public Health England (PHE), 2014)

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-  [Putting Health into Place - Introducing NHS England's Healthy New Towns programme](#) (NHS England; Town and Country Planning Association (TCPA); the kings Fund; The Young Foundation; Public Health England (PHE), 2018)
-  [Green Infrastructure & Health Guide](#) (Oregon Health and Outdoors Initiative, 2018)
-  [Health and the natural environment: A review of evidence, policy, practice and opportunities for the future](#) (University of Exeter; European Centre for Environment & Human Health, 2018)
-  [Securing constructive collaboration and consensus for planning healthy developments- A report from the Developers and Wellbeing project](#) (Town and Country Planning Association (TCPA), 2018)
-  [Physical activity and the environment – NICE guidance](#) (Public Health England, 2018) [NHS Greenspace in Scotland](#) (Forest Research, 2018)
-  [Creating health promoting environments](#) – Guidance for delivering new Garden Cities (TCPA, 2017)
-  [The adult health and social care crisis – green infrastructure as part of the solution](#) (The National Forest; Town and Country Planning Association (TCPA), 2017)
-  [Return on investment of public health interventions: a systematic review](#) (Journal of Epidemiology & Community Health, 2017)
-  [10 minutes brisk walking each day in mid-life for health benefits and towards achieving physical activity recommendations](#) - Evidence Summary (Public Health England, 2017)
-  [Healthy Planning and Regeneration: innovations in community engagement, policy and monitoring](#) (BRE, 2017)
-  [Spatial planning for health -An evidence resource for planning and designing healthier places](#) (Public Health England, June 2017)
-  [The cost-effectiveness of addressing public health priorities through improved access to the natural outdoors](#) (Valuing Nature Network, 2017)
-  [The health and wellbeing impacts of volunteering with The Wildlife Trusts](#) (University of Essex; The Wildlife Trusts, 2017)
-  [Transforming Mental Health & Dementia Provision with the Natural Environment – conference report and presentations](#) (Centre for Sustainable Healthcare, 2017)
-  [Reconomics Plus - The Economic, Health and Social Value of Outdoor Recreation](#) (Sport & Recreation Alliance; 2017)
-  [Good practice in social prescribing for mental health: the role of nature-based interventions](#) (Natural England; 2017)
-  [Nature for health and Equity](#) (Institute for European Environmental Policy (IEEP); Friends of the Earth Europe, 2017)
-  [The Place Standard tool](#) (NHS Health Scotland, 2017)
-  [Urban green spaces: a brief for action](#) (World Health Organisation (WHO), 2017)
-  [Fun and Fitness in the Forest- Monitoring and evaluation of the three year Active Forest pilot programme](#) (Forest Research, 2017)
-  [RAPID REVIEW: Nature-based activities and wellbeing](#) (North Wales Wildlife Trust & Bangor University, 2017)
-  [Walking with Danni - Health and Wellbeing video case study](#) (Groundwork UK, 2017)
-  [Urban green space interventions and health: A review of impacts and effectiveness](#) (World Health Organisation (WHO), 2017)
-  [Monitor of Engagement with the Natural Environment \(MENE 2015/1 Report\)](#) (Natural England, 2017)

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-  [Spatial Planning for Health- An evidence resource for planning and designing healthier places](#) (Public Health England, 2017)
-  [Exercise Explore Enjoy - A strategic plan for greenways](#) (Department for Infrastructure Northern Ireland, 2016)
-  [Fundamental Facts about Mental Health](#) (Mental Health Foundation, 2016)
-  [Planning for health and well-being in Wales: A briefing on integrating planning and public health for practitioners working in local planning authorities and health organisations in Wales](#) (Town and Country Planning Association (TCPA); Wales Health Impact Assessment Support Unit; Public Health Wales, 2016)
-  [Public Health Outcomes Framework - Improving outcomes and supporting transparency](#) (Department for Health, 2016)
-  [Building the Business Case: Health, Wellbeing and Productivity in Green Offices](#) (World Green Building Council, 2016)
-  [Nature4Health: Year 1 Impact Report](#) (Mersey Forest, 2016) DLD providing five different evidence-based activities, from group walking to mindfulness, all taking place in a green, therapeutic environment.
-  [A healthier future, with a little help from our nature Green Infrastructure integration into the health sector](#) (CEEweb, 2016)
-  [Urban green spaces and health - a review of evidence](#) (WHO, 2016)
-  [Green Space and Health](#) (Parliamentary Office of Science and Technology, 2016)
-  [Greener cities and more exercise could dramatically reduce urban mortality rates](#) –Science for Environment Policy Note (European Commission, 2016)
-  [Gardens and health - Implications for policy and practice](#) (Kings Fund, 2016)
-  [Evidence Statement on the links between natural environments and human health](#) (Defra, University of Exeter, European Centre for Environment & Human Health, 2016)
-  [The Health & Social Benefits of Nature & Biodiversity Protection](#) (IEEP, Friends of the Earth, 2016)
-  [The direct and indirect contribution made by The Wildlife Trusts to the health and wellbeing of local people](#) (University of Essex & The Wildlife Trusts, 2016)
-  [Green Infrastructure - a Catalysts of Wellbeing for Future Generations](#) (Wildlife Trust Wales, 2016)
-  [Is it nice outside? Consulting people living with dementia and carers about engaging with the natural environment](#) (Natural England, Dementia Adventure, the Mental Health Foundation and Innovations in Dementia, 2016).
-  [How does living near to green space affect death risk?](#) (European Commission, 2016)
-  [Investigating the potential increase in health costs due to a decline in access to greenspace: an exploratory study](#) (Natural England, 2016)
-  [A review of nature-based interventions for mental health care](#) (Natural England, 2016)
-  [Building the Foundations: tackling obesity through planning and development – Lessons from the TCPA ‘Planning healthy weight environments’ workshops](#) (Town and Country Planning Association (TCPA); Local Government Association; Public Health England (PHE), 2016)
-  [Links between natural environments and mental health](#) (Natural England, 2016)
-  [Investigating the potential increase in health costs due to a decline in access to greenspace](#) (Natural England, 2016)
-  [A Guide to the Healthy Parks Healthy People Approach and Current Practices](#) (Parks Victoria; Healthy Parks Healthy People; IUCN World Parks Congress; National Park Service- US Department of the Interior, 2015)

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- 📘 [Delivering sustainable healthy homes and communities in Northern Ireland](#) (Town and Country Planning Association (TCPA); Belfast Healthy Cities; Northern Ireland Housing Executive, 2016)
- 📘 [Public Health in Planning- Good Practice Guide](#) (Town and Country Planning Association (TCPA), 2015)
- 📘 [Wellbeing benefits from natural environments rich in wildlife](#) (University of Essex & The Wildlife Trusts, 2015)
- 📘 [Cities, Green Infrastructure & Health](#) (Landscape Institute, 2015)
- 📘 [The evidence base for the linkages between Green Infrastructure, public health and economic benefit](#) (University of Victoria, 2015)
- 📘 [Natural Solutions to Tackling Health Inequalities](#) (UCL, Institute of Health Equality, 2014)
- 📘 [Green Health](#) (Scottish Government & James Hutton Institute, 2014)
 - 📘 [Innovative NHS Greenspace in Scotland](#) (Forestry Commission (FC); NHS Health Scotland; Scottish Natural Heritage, 2014)
- 📘 [Natural Solutions to Tackling Health Inequalities](#) highlights the evidence of the benefits of green spaces to health and wellbeing outcomes, and the inequalities in use of, and access to, natural environments across England. (UCL Institute of Health Equity, 2014)
- 💡 [Active Planning toolkit](#) (NHS Gloucestershire – 2014) to help professionals create buildings and natural environments that support people to get more active
- 📘 [Tree and forest effects on air quality and human health in the United States](#) (US Department of Agriculture (USDA) Forest Service, 2014)
- 📘 [planning healthy weight environments](#) – a TCPA reuniting health with planning project (TCPA, Public Health England, 2014)
- 📘 [Local action on health inequalities: Improving access to green spaces](#) (Public Health England; UCL Institute of Health Equity, 2014)
- 📘 [Natural solutions for tackling health inequalities](#) (University College London, 2014)
- 📘 [Promoting health, preventing disease: is there an economic case?](#) (World Health Organisation (WHO); Organisation for Economic Co-operation and Development (OECD); European Observatory on Health Systems and Policies, 2013)
 - 📘 [planning healthier places – report from the reuniting health with planning project](#) (Town and Country Planning Association (TCPA); Public Health England (PHE), 2013)
- 📘 [Improving the public's health](#) - A resource for local authorities (The King's Fund; 2013)
- 📘 [Public health and landscape: creating healthy places](#) (Landscape Institute, 2013)
- 📘 [Greening Dementia](#) (Natural England; November, 2013)
- 📘 [Green space quantity, stress and wellbeing](#) (Scottish Government / greenspace Scotland; 2013)
- 📘 [Walking works](#) - Making the case to encourage greater uptake of walking as a physical activity and recognise the value and benefits of Walking for Health (Walking for health, 2013)
- 📘 [Woods for Health Strategy](#) & Action Plan for Scotland & hospital greenspace case studies (Forestry Commission, 2013)
- 📘 [Linking environment and health](#) (London Climate Change Partnership, 2012)
- 📘 [reuniting health with planning –healthier homes, healthier communities](#) (Town and Country Planning Association (TCPA), 2012)
- 📘 [Natural Childhood](#) (National Trust, 2012) a report about “nature deficit disorder” and what to do about it

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-  [Greenspace design for health and well-being - practice guide](#) (Forestry Commission (FC); Centre for Sustainable Healthcare; NHS Scotland, 2012)
-  [Learning in the Natural Environment: Review of social and economic benefits and barriers](#) (Natural England 2012)
-  [Greenspace design for health and wellbeing practice guide \(Forestry Commission 2012\)](#)
-  [Managing Risk in Play Provision](#): Implementation guide (Play England, 2012)
-  [Costing the Walking for Health programme](#) (Natural England, 2012)
-  [Green space access, green space physical activity and overweight](#) (Natural England; University of Exeter; University of East Anglia, 2011)
-  [Woods for Health on Kinnoull Hill Perth](#), case story on the social return on investing in Green Infrastructure Greenspace Scotland (2011)
-  [Green Exercise Programme Evaluation](#) (Natural England, 2011)
-  [Community green: using local spaces to tackle inequality and improve health](#) (CABE 2010; archived)
-  [Urban health and health inequalities and the role of urban forestry](#) – literature review (Forestry Commission 2010)
-  [Great outdoors](#): How Our Natural Health Services Uses Green Space to Improve Wellbeing (Faculty of Public Health and Natural England 2010)
-  [Urban Green Nation](#) (CABE 2010) research commissioned by CABE Space to gauge the state of England's urban green space and its impact on people's health and well-being.
-  [Urban health and health inequalities and the role of urban forestry in Britain](#): a review (Forest Research, 2010)
-  [The Marmot Review: Fair society, healthy lives](#) (IDea, 2010)
-  [Nature play: Maintenance guide](#) (Play England, 2009)
-  [Our Natural Health Service](#) (Natural England health manifesto, 2009)
-  [New Horizons: towards a shared vision for mental health - consultation](#) (HM Government, 2009)
-  [Be Active, Be Healthy: A plan for getting the nation moving](#) (HM Government, 2009)
-  [Green space access, green space use, physical activity and overweight](#): a research summary. (Natural England, 2009)
-  [Future health: sustainable places for health and well-being - summary](#) (CABE, 2009)
-  [An estimate of the economic and health value and cost effectiveness of the expanded WHI scheme 2009](#) (Natural England, 2009)
-  [A future vision for mental health](#) (The future vision coalition, 2009)
-  [Design for Play - A guide to creating successful play spaces](#) (Play England 2008)
-  [Future health sustainable places for health and well-being](#); Explaining how good design makes healthy places (archived; CABE 2009)
-  [Health Impact Assessment of greenspace - A Guide](#). (Greenspace Scotland, 2008)
-  [Physical activity and mental health: the role of physical activity in promoting mental well-being and preventing mental health problems](#) (Health Scotland; University of Glasgow, 2008)
-  [Health, place and nature - How outdoor environments influence health and well-being: a knowledge base](#) (Sustainable Development Commission, 2008)
-  [Mental Capital and Wellbeing: Making the most of ourselves in the 21st century](#) (Lancaster University, Government Office for Science, 2008)
-  [Ecotherapy: The Green Agenda for Mental Health](#) (Mind, 2007)

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- 📘 [Returning urban parks to their public health roots](#) (Manchester University; John Moores University, 2007)
- 📘 [Health effects of climate change in the UK 2012 - Current evidence, recommendations and research gaps](#) (Health Protection Agency; European Centre for Environment and Human Health; University of Exeter Medical School, 2007)
- 📘 [Natural thinking: Investigating the links between the natural environment, biodiversity and mental health](#) (Royal Society for the Protection of Birds (RSPB), 2007)
- 📘 [New Pathways to Health and Well-being: Summary of Research to understand and overcome barriers to accessing woodland](#) (Forestry Commission Scotland, 2007)
- 📘 [Health Challenge England - next steps for Choosing Health](#) (HM Government, 2006)
- 📘 [The Health Benefits of Parks](#) (Trust for Public Land, 2006)
- 📘 [Choosing Health: Making healthy choices easier](#) (HM Government, 2004)
- 📘 [Thundersley on Foot](#) - Nine specific Walks of Discovery around a Suburban Essex Village and also [guidance to encourage communities](#) to get out in their neighbourhoods, record its heritage and history and enjoy walking.
- 📙 [Eco-Health Relationship Browser](#) (US Environmental Protection Agency) exploring ecosystem services and how they affect health and well-being.

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Legislation & Regulation

- 📘 [Legislation](#) (published on Infrastructure Planning Commission website)
- 📘 [Environmental Improvement Plan 2023](#) (HM Government, 2023)
- 📘 [Corporate Plan \(Office for Environmental Protection\)](#) (Office for Environmental Protection, 2022)
- 📘 [UK Environment Act 2021](#) (HM Government, 2021)
- 📘 [Flood and Water Management Act 2010](#) (HM Government), in particular [schedule 3](#) sets out key principles regarding SuDS
- 📘 [Draft Flood and Water Management Bill](#) (Department of Environment Food and Rural Affairs (DEFRA), 2009)
- 📘 [Flood Risk Management \(Scotland\) Act](#) (Scottish Parliament, 2009)
- 📘 [The Water Environment \(Controlled Activities\) \(Scotland\) Regulations](#) (Scottish Parliament, 2005)

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Natural Capital

- 📘 [The role of natural capital in the UK's green economy](#) (Environmental Audit Committee; UK House of Commons, 2025)
- 📘 [Mainstreaming Natural Capital: Advancing the Global Agenda to Integrate Nature in Decision-Making](#) (World Economic Forum, 2025)
- 📘 [Natural capital and regional growth: Insights from the European Union](#) (European Commission, 2025)
- 📘 [Natural capital account 2023/24](#) (Forestry England, 2025)
- 📘 [Natural capital - Sustainable investing in timberland and agriculture](#) (Manulife Investment Management, 2025)
- 📘 [Making the Case for Nature- Insights from Scotland's Natural Capital analyses](#) (Scottish Government, 2025)
- 📘 [Enabling a Natural Capital Approach - guidance](#) (Department for Environment, Food & Rural Affairs, 2025)

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-  [The economics of natural capital](#) (European Central Bank, 2025)
-  [Natural Capital and Ecosystem Assessment Programme data collection and analysis \(for soil health indicator\)](#) (JNCC, 2025)
-  [Making Natural Capital Count - An investment agenda](#) (Centre for Global Commons; Systemic, 2025)
-  [Natural Capital asset class special report](#) (Gresham House, 2025)
-  [Closing the gap -investing in natural capital to meet the SDGs](#) (United Nations, 2024)
-  [Natural Capital in our Catchments](#) (Southern Water, 2024)
-  [Black Country Natural Capital Valuation](#) (West Midlands Combined Authority, 2024)
-  [Woodland natural capital accounts, UK: 2024](#) (Office for National Statistics, 2024)
-  [Assessing the Materiality of Nature-Related Financial Risks for the UK](#) (Green Finance Institute; University of Reading; Environmental Change Institute, 2024)
-  [Recognising the Importance of Scotland's Natural Capital](#) (NatureScot; Scottish Government, 2023)
-  [Natural Capital Financing in Scotland](#) (Scottish Parliament, Scottish Land & Estates, 2024)
-  [Baseline natural capital assessment of the City of London Corporation's open spaces](#) (City of London; Natural Capital Solutions, 2024)
-  [Natural Capital Accounting - A Guide for Action](#) (National Economic & Social Development Office, 2024)
-  [Creating a framework for blue natural capital investment in Cornwall](#) (Natural Capital Solutions, Cornwall Council, 2023)
-  [Natural Capital Accounting to Inform Climate, Biodiversity and Development Policies in Africa](#) (World Bank, 2023)
-  [Natural Capital Assessment Tool - A Whole Farm Approach](#) (NatureScot, 2023)
-  [Enabling a Natural Capital Approach guidance](#) (Department for Environment, Food & Rural Affairs, 2023)
-  [Nature's Frontiers - Achieving Sustainability, Efficiency, and Prosperity with Natural Capital](#) (World Bank Group, 2023)
-  [The Natural Capital Register and Account Tool -Technical report](#) (Environment Agency, 2023)
-  [Natural capital condition indicator mapping -evidence review](#) (Environment Agency, 2023)
-  [Urban natural capital accounts, UK: 2023](#) (Office For National Statistics, 2023)
-  [The Natural Capital Register and Account Tool v 1.2 – user guide](#) (Environment Agency, 2023)
-  [Making Nature Markets Work](#) (Nature Finance, 2023)
-  [Scottish Natural Capital Accounts: 2023](#) (Scottish Government, 2023)
-  [Standardized Natural Capital Accounting - methodology](#) (Capital Coalition, 2023)
-  [Standardized Natural Capital Accounting - guidance](#) (Capital Coalition, 2023)
-  [Nature Finance Review](#) (Ecosystem Knowledge Network, 2023)
-  [Putting Nature at the Heart of Northern Ireland Decisions](#) (Northern Ireland Environment Link, 2023)
-  [Nature markets - A framework for scaling up private investment in nature recovery and sustainable farming](#) (HM Government, 2023)
-  [Natural Capital Guide for the Development Sector](#) (Environment Agency, 2022)
-  [State of Finance for Nature 2022](#) (United Nations Environment Programme (UNEP), 2022)
-  [England natural capital accounts 2023](#) (Office for National Statistics, 2023)
-  [Interim Principles for Responsible Investment in Natural Capital](#) (Scottish Government, 2022)
-  [Woodland natural capital accounts 2022](#) (Office for National Statistics, 2022)
-  [Second Natural Capital Report - taking nature recovery to scale](#) (Highlands Rewilding, 2022)
-  [A navigation through value accounting methods](#) (Capitals Coalition, 2022)
-  [Natural capital accounts roadmap - 2022](#) (Office For National Statistics, 2022)
-  [Natural Capital case studies](#) (Capitals Coalition (Natural Capital Coalition), 2022)

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-  [Assuring the Capitals: Building Confidence in Natural, Social & Human Capitals Assessments](#) (Capitals Coalition (Natural Capital Coalition), 2022)
-  [The Natural Capital Story of the Oxcam Arc](#) (Oxcam Local Natural Capital Plan; Environment Agency, 2022)
-  [Guarding against perverse outcomes from natural capital thinking](#) (We Value Nature, 2022)
-  [Time to Take Stock - improving decision making by measuring the state of natural capital assets](#) (Point Advisory; Capitals Coalition, 2022)
-  [Natural capital - the battle for control](#) (green alliance; OFC, 2022)
-  [Social & Human Capital Protocol - a primer for business](#) (Capitals Coalition (Natural Capital Coalition), 2021)
-  [UK Natural Capital Accounts 2021](#) (Office for National Statistics (ONS), 2021)
-  [Facilitating Local Natural Capital Investment - Literature Review](#) (NatureScot, 2021)
-  [Natural Capital Laboratory - Year Two report \(registration required\)](#) (AECOM, 2021)
-  [The Finance Gap for UK Nature](#) (Green Finance Institute; Eftec, 2021)
-  [The Natural Capital User Guide for Greater Manchester](#) (Greater Manchester Combined Authority (GMCA), 2021)
-  [State of Finance for Nature](#) (United Nations Environment Programme (UNEP); World Economic Forum, 2021)
-  [Financial Mapping in the North Devon Landscape Pioneer](#) (Natural England, 2021)
-  [Natural Capital Evidence Handbook to support place-based planning and decision-making](#) (Natural England, 2021)
-  [Principles of Integrated Capitals Assessment](#) (Capitals Coalition (Natural Capital Coalition), 2021)
-  [Natural Capital and Environmental Net Gain](#) (National Infrastructure Commission, 2021)
-  [Natural capital for biodiversity policy -what, why and how](#) (Capitals Coalition (Natural Capital Coalition), 2021)
-  [Semi-natural habitat natural capital accounts, UK: 2021](#) (Office for National Statistics (ONS), 2021)
-  [A Natural Capital Account for the Tees Valley: An exploration of natural capital accounting for County and City Regions](#) (Natural England, 2021)
-  [Enabling a Natural Capital Approach \(ENCA\) guidance](#) (Department for Environment, Food & Rural Affairs, 2021)
-  [Natural Capital End of Term Report](#) (Natural Capital Committee, 2020)
-  [Demystifying Tipping Points and other forms of abrupt ecosystem change](#) (Valuing Nature Programme, 2020)
-  [Enabling a Natural Capital Approach: Guidance](#) (Department for Environment, Food & Rural Affairs (Defra), 2020)
-  [Final Response to the 25 Year Environment Plan Progress Report](#) (Natural Capital Committee, 2020)
-  [Natural capital for biodiversity policy: what, why and how](#) (Capitals Coalition (Natural Capital Coalition), 2020)
-  [Natural Capital Indicators and Metrics Evidence Review](#) (Natural England, 2020)
-  [The Green Book guidance - embedding natural capital into public policy appraisal](#) (Natural Capital Committee, 2020)
-  [Investment finance for green infrastructure](#) (TCPA; PERFECT project, 2020)
-  [Towards a natural assets research and innovation agenda in support of UK business and policy](#) (Valuing Nature Network, 2020)

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-  [Measuring business impacts on nature - A framework to support better stewardship of biodiversity in global supply chains](#) (University of Cambridge; Natural Capital Impact Group, 2020)
-  [Natural Capital Accounting: Informing Policy Decisions and Management of Uganda's Natural Resources](#) (World Bank Group, 2020)
-  [State of Natural Capital Annual Report 2020](#) (Natural Capital Committee, 2020)
-  [Natural Capital Atlases - Mapping Indicators for County and City Regions](#) (Natural England, 2020)
-  [How to start using your Natural Capital Atlas](#) (Natural England, 2020)
-  [Exploring natural capital opportunities, risks and exposure - A practical guide for financial institutions](#) (Natural Capital Finance Alliance; United Nations Environment Programme (UNEP), 2020)
-  [Improving nature's visibility in financial accounting](#) (Capitals Coalition (Natural Capital Coalition), 2020)
-  [Natural capital in Oxfordshire](#) (Environmental Change institute; University of Oxford, 2020)
-  [A Natural Capital Strategy for North Devon](#) (Natural England, 2020)
-  [State of Natural Capital Annual Report](#) (Natural Capital Committee, 2020)
-  [Enabling a Natural Capital Approach \(ENCA\) - Guidance](#) (Department for Environment, Food and Rural Affairs (Defra), 2020)
-  [Enabling a Natural Capital Approach \(ENCA\) - assessment template, case studies and tools](#) (Department for Environment, Food and Rural Affairs (Defra), 2020)
-  [Natural Capital](#) (savills, 2020)
 -  [The sovereign transition to sustainability - Understanding the dependence of sovereign debt on nature](#) (London School of Economics; Grantham Research Institute, 2020)
-  [Measuring wealth, delivering prosperity - The Wealth Economy Project on Natural and Social Capital](#) (Letter One, University of Cambridge, Bennet Institute for Public Policy, 2019)
-  [Testing a natural capital approach on SNH land](#) (Scottish Natural Heritage (SNH), 2019)
-  [Greater Manchester Natural Capital Investment Plan](#) (Eftec; Greater Manchester Combined Authority; Environmental Finance, Countryside, Natural Course, 2019)
-  [State of Natural Capital Annual Report 2019](#) (Natural Capital Committee, 2019)
-  [Enhancing Resilience of Urban Ecosystems through Green Infrastructure](#) (European Commission, 2019)
-  [Accounting for National Nature Reserves: A Natural Capital Account of the National Nature Reserves](#) (Natural England, 2019)
-  [NatCap Checker v1.0: Guidance](#) (Natural Capital Coalition, 2019)
-  [The Natural Capital Value of Solar](#) (Solar Energy UK, 2019)
-  [Birmingham Health Economic Assessment & Natural Capital Accounts - Revealing the True Value of Council-managed Parks and Green Estate](#) (Birmingham City Council; Consultancy for Environmental Economics & Policy, 2019)
-  [Natural Capital Terminology](#) (Natural Capital Committee, 2019)
-  [Natural Capital Protocol training \(online\)](#) (Natural Capital Coalition, 2019)
-  [Valuing and Measuring Natural Assets for Land Management](#) (Valuing Nature, 2019)
-  [UK natural capital: urban accounts - information about green space in urban areas](#) (Office for National Statistics (ONS), 2019)
-  [Valuing and Measuring Natural Assets for the Insurance/Financial Services Sector](#) (Valuing Nature, 2019)
-  [Trends in Natural Capital, Ecosystem Services and Economic Development in Dorset](#) (Valuing Nature Network; Bournemouth University, 2019)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [Understanding the New Forest's Natural Capital - And how its management provides public goods to the nation](#) (New Forest National Park Authority; Forestry England; Natural England; NFU; National Trust, 2019)
-  [This is Natural Capital 2018 - scaling up](#) (Natural Capital Coalition, 2018)
 -  [Natural Capital Finance Model – Strategic Outline Case](#) (Department for Environment, Food & Rural Affairs (Defra), 2018)
 -  [The Six Capitals in our Decision Making Framework](#) (Yorkshire Water, 2018)
 -  [Developing the Concept of a Natural Capital Trust in the West of England and Beyond](#) (West of England Nature Partnership; Avon Wildlife Trust; Eunomia; Natural England, 2018)
-  [Natural capital accounting in support of policymaking in Europe](#) (European Environment Agency (EEA), 2018)
-  [Natural Capital Investment Plan for Surrey](#) (Surrey Nature Partnership, 2018)
-  [Integrating natural capital in risk assessments: A step-by-step guide for banks](#) (Natural Capital Finance Alliance; United Nations Environment Programme (UNEP), 2018)
-  [Natural Capital Indicators: for defining and measuring change in natural capital](#) (Natural England (NE), 2018)
-  [This is Natural Capital 2018-scaling up](#) (Natural Capital Coalition, 2018)
-  [Natural Capital Protocol – Forest Products Sector Guide](#) (Natural Capital Coalition, 2018)
-  [UK natural capital: ecosystem accounts for urban areas - information about green space in urban areas](#) (Office for National Statistics [ONS], 2018)
-  [The circular economy and the bioeconomy — Partners in sustainability](#) (European Environment Agency, 2018)
-  [EcoService Models Library - a searchable database of models estimating the production of ecosystem goods and services](#) (US Environmental Protection Agency EPA, 2018)
-  [Natural capital accounting for the sustainable development goals](#) - Current and potential uses and steps forward (PBL Netherlands Environmental Assessment Agency, 2018)
 -  [Natural Capital Assessment in Northern Ireland: Urban Study](#) (Natural Capital Solutions; Northern Ireland Environment Link, 2018)
 -  [Northern Ireland Natural Capital Rural Study ~ A review of the wider economic value of selected farm systems in Northern Ireland](#) (Interserve, 2018)
-  [Natural Capital Accounting](#) – technical information note (Landscape Institute, 2018)
-  [Bringing health and the environment into decision making: the Natural Capital Approach](#) (Oxford Martin School; Rockefeller Foundation, 2018)
-  [A Guide to Selecting Ecosystem Service Models for Decision-Making- Lessons from Sub-Saharan Africa](#) (world resources Institute, Centre for Ecology & Hydrology, ESPA, 2018)
-  [The changing Wealth of Nations](#) (World Bank Group, 2018)
-  [Monetary Natural Capital Assessment in the Private Sector](#) (Valuing Nature Network; University of Edinburgh, 2018)
 -  [Natural capital trade-offs in afforested peatlands](#) (Valuing Nature Network; University of York, 2018)
-  [Soil natural capital valuation in agri-food businesses](#) (Valuing Nature Network; Lancaster University, 2018)
-  [The natural capital of floodplains: management, protection and restoration to deliver greater benefits](#) (Valuing Nature Network; Open University; Forest Research; River Restoration Centre, 2018)
-  [Guided Choices towards a Circular Business model](#) (Institute for Sustainability, 2017)
-  [Natural capital workbook](#) (Natural Capital Committee, 2017)

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-  [Natural capital accounts for public green space in London](#) (Greater London Authority, National Trust, 2017)
-  [A Green Future: Our 25 Year Plan to Improve the environment](#) (HM Government, 2018)
-  [Taking stock: progress in natural capital accounting](#) (European Commission, 2017)
-  [Natural capital account for public green space in London](#) (Mayor of London, 2017)
-  [Forum on Natural Capital Accounting for Better Policy Decisions: Taking Stock and Moving Forward](#) (Waves & World Bank Group, 2017)
-  [Embedding the natural capital approach in the built environment: from strategy to design, implementation and maintenance – workshop report](#) (Natural Capital Initiative, 2017)
-  [Is Corporate Natural Capital Accounting appropriate for monitoring nature reserves?](#) An assessment for National Nature Reserves managed by Natural England (Natural England, 2017)
-  [Advice on government's 25-year environment plan](#) (Natural Capital Committee, 2017)
-  [Experimental Ecosystem Accounts for the Central Highlands of Victoria](#) (Australian National University, 2017)
-  [UK natural capital: ecosystem accounts for freshwater, farmland and woodland](#) (Office for National Statistics, 2017)
-  [The Business Case for Natural Capital Assessment](#) (Global Nature Fund, 2017)
-  [Investing in Natural Capital Creating the right environment for economic investment](#) (Humber Nature Partnership, 2017)
-  [Value of natural capital – the need for chartered surveyors](#) (Royal Institute of Chartered Surveyors RICS, 2017)
-  [Economic valuation and its applications in natural capital management and the Government's 25 Year Environment Plan](#) (Natural Capital Committee, 2017)
-  [Valuing Natural Capital for Sustainable Development](#) (Global Partnership on Wealth Accounting and the Valuation of Ecosystem Services (WAVES), 2017)
-  [London Borough of Barnet Natural Capital account](#) (London Borough of Barnet, 2017)
-  [Systematic review of projects to improve the natural environment that have attracted private investment](#) (Department for Environment, Food & Rural Affairs (Defra), 2017)
-  [Natural Capital, Ecosystem Services and the Historic Environment](#) (Historic England, 2017)
-  [Landscapes in transition - An account of 25 years of land cover change in Europe](#) (European Environment Agency, 2017)
-  [An impact evaluation framework to support planning and evaluation of nature-based solutions projects](#) (Eklipse, 2017)
-  [Review of UK Natural Capital Initiatives](#) (James Hutton Institute, 2017)
-  [Whandscape thinking: towards integrating the management of catchments, coast and the sea through partnerships – a guidance note](#) (Natural Capital Initiative, 2017)
-  [Better Policy through Natural Capital Accounting: Stocktaking and Ways Forward](#) (Waves Partnership, 2017)
-  [Principles of Natural Capital Accounting](#) (ONS, 2017)
-  [Improving natural capital: an assessment of progress](#) (Natural Capital Committee's 4th state of natural capital report, 2017)
-  [Towards a Circular Business model](#) (Institute for Sustainability et al; 2017)
-  [Accounting for Nature: A Natural Capital Account of the RSPB's estate in England](#) (RSPB 2017)
-  [Natural Capital: An Overview](#) (POST note, 2016)
-  [Business Insights –Pilot testing the Natural Capital Protocol](#) (Natural Capital Coalition, 2016)

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-  [Mapping natural capital and ecosystem services in the Nene Valley](#) (Natural Capital Solutions; Nene Valley Partnership; University of Southampton, 2016)
-  [Reviewing cultural services valuation methodology for inclusion in aggregate UK](#) (ONS, 2016)
-  [Natural Capital estimates](#) (ONS, 2016)
-  [Valuing flood-regulation services for inclusion in the UK ecosystem accounts](#) (ONS, 2016)
-  [UK natural capital: monetary estimates](#) (Office for National Statistics, 2016)
-  [Biodiversity and ecosystem services in corporate natural capital accounting](#) (Cambridge University & Natural Capital Project, 2016)
-  [New markets for land and nature - How Natural Infrastructure Schemes could pay for a better environment](#) (Green Alliance, National Trust, 2016)
-  [Wales the State of Natural Resources Report](#) (Natural resources Wales, 2016)
-  [Natural Capital Protocol](#) (Natural Capital Coalition; tool launched 2016)
-  [Biodiversity at the heart of accounting for natural capital](#) (Cambridge Conservation Initiative, 2016)
-  [Natural capital accounting and the Sustainable Development Goals](#) (WAVES, 2016)
-  [Operationalising Natural Capital](#) (Cambridge University, 2016)
-  [Showing the worth: Natural Capital Accounting and the design of payments for ecosystem services](#) (WAVES/ World Bank, 2016)
-  [The Natural Place For Business - a Natural Capital investment strategy for Dorset](#) (Dorset Local Nature Partnership, 2016)
-  [Natural Capital maps](#) focussing on agriculture and soil (Centre for Ecology & Hydrology & Natural England, 2016)
-  [Natural capital assessment at the national and sub-national level - A guide for Environmental practitioners](#) (UNEP, 2016)
-  [Measuring the Value of Groundwater and other forms of natural capital](#) (scientific article in Proceedings of the National Academy of sciences, 2016)
-  [Natural partners Why nature conservation and natural capital approaches should work together](#) (Green Alliance, 2016)
-  [A Natural Capital Investment Plan for peatland in the Northern Upland Chain](#) (Northern Upland Chain LNP/Defra, 2016)
-  [Natural Capital in the Netherlands](#) (NL EAA, 2016)
-  [Nature-based solutions for building resilience in towns and cities](#) (Asian Development Bank, 2016)
-  [Natural Capital: Investing in a Green Infrastructure for a Future City](#) (Green Infrastructure Task Force report, Mayor of London 2015)
-  [Beam parklands Natural Capital Account](#) (Greater London Authority & EFTEC, 2015)
-  [Investing in our natural assets](#) (Aldersgate group, 2015)
-  [Valuing our Life Support Systems](#) (Natural Capital Initiative, June 2015)
-  [Environmental information & natural capital](#) (Climate Disclosure Standards Board, June 2015)
-  [The State of Natural Capital - Protecting and Improving Natural Capital for Prosperity and Wellbeing](#) (Natural Capital Committee, 2015)
-  [Natural and Social Capital Accounting](#) (Accounting for Sustainability, 2015)
-  [Natural Capital Investment Strategy for Surrey](#) (Surrey Nature Partnership, 2015)
-  [The Economic Case for Investment in Natural Capital in England](#) (Eftec, 2015)

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-  [Towards an EU research and innovation policy agenda for nature-based solutions & re-naturing cities](#) (European Commission, 2015)
-  [Quantifying natural and social capital: guidelines on valuing the invaluable](#) (ICAEW 2015)
-  [Realising Nature's Value in UK Business](#) (JNCC, 2015)
-  [Nature-Based Solutions and Re-naturing Cities](#) (European Commission, 2015)
-  [The Natural Capital Initiative Summit -full report](#) (NCI, 2014)
-  [Towards a global map of natural capital: key ecosystem assets](#) (United Nations Environment Programme (UNEP), 2014)
-  [Natural Solutions to Tackling Health Inequalities](#) (UCL Institute of Health Equality, 2014)
-  [Building Natural Capital How REDD+ can support a Green Economy](#) (UNEP, 2014)
-  [Natural Capital: Theory & Practice of Mapping Ecosystem Services](#) (Oxford Scholarship Online: 2013)
-  [Natural Capital and Financial Institutions -Transitioning towards a Green Economy](#) (New Foresight, 2015)
-  [The Natural Capital Approach - A Concept Paper](#) (International Institute for Sustainable Development, 2008)

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Nature Based Solutions

-  [Multiple benefits of nature-based solutions: an evidence synthesis](#) (Environment Agency, 2025)
-  [Nature-based Solutions for addressing climate risks and fostering biodiversity in the Lower Mainland of British Columbia](#) (Raincost Conservation Foundation, 2024)
-  [Good practices for increasing the application of Nature-based solutions and ecosystem-based approaches for disaster risk reduction](#) (United Nations Office for Disaster Risk Reduction, 2024)
-  [The Nature-based solutions map](#) (World Business Council for Sustainable Development, 2024)
-  [Possible ways to foster the uptake of knowledge on Nature-based Solutions](#) (Biodiversa, 2024)
-  [Nature-Based Solutions for Climate Adaptation](#) (International Institute for Sustainable Development; Wildlife Conservation Society; World Wide Fund for Nature, 2024)
-  [Transforming cities' relationship with nature](#) (URBACT, 2024)
-  [Mainstreaming Gender Equality and Social Inclusion in Nature-Based Solutions for Climate Change Adaptation](#) (International Institute for Sustainable Development, 2024)
-  [Supporting Nature-based Solutions via Nature-Based Thinking](#) (Conexus, 2024)
-  [The NbS Blueprint - Building business cases for Nature-based Solutions](#) (World Business Council for Sustainable Development, 2024)
-  [Nature-based Solutions for Mediterranean Cities](#) (UNEP, 2024)
-  [Accelerating Investments for Nature-based Solutions in the Global South](#) (Council on Energy, Environment and Water, 2024)
-  [The Benefits of Nature-based Solutions for Adaptation in USAID Programming](#) (USAID, 2024)
-  [Toolbox on Financing Nature-Based Solutions](#) (Climate Policy Initiative, 2024)
-  [Good Practices for Designing Effective, Inclusive, and Sustainable Nature-Based Solutions for Adaptation](#) (International Institute for Sustainable Development, 2024)
-  [Harnessing the Power of Collaboration for Nature-based Solutions](#) (European Commission, 2023)
-  [European Roadmap to 2030 for Research and Innovation on Nature-based Solutions](#) (Network Nature, 2023)
-  [Nature-based Solutions to Build Climate Resilience in Informal Areas](#) (United Nations Human Settlements Programme (UN-Habitat), 2023)

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-  [Nature-based Solutions Flipbook - Learning from NBS EduSystems inspiring initiatives](#) (NBS Eduworld, 2023)
-  [Scaling nature-based solutions for climate resilience and nature restoration](#) (European Environment Agency, 2023)
-  [Nature-based green infrastructure - A review of African experience and potential](#) (ODI, 2023)
-  [Nature4Cities -Nature-based Solutions in 13 Cities in Latin America & the Caribbean 2021-2024](#) (United Nations Environment Programme, 2023)
-  [Financing nature-based solutions in cities](#) (Network Nature, 2023)
-  [Harnessing the power of collaboration for nature-based solutions](#) (European Commission, 2023)
-  [Nature-Based Solutions for Cities \(book\)](#) (McPhearson; Kabisch; Frantzeskaki; Elgar Online, 2023)
-  [Investing in nature-based solutions](#) (European Investment bank; European Commission, 2023)
-  [Nature-based Solutions for Climate Resilience in Humanitarian Action](#) (Sphere, 2023)
-  [Urban Governance Atlas - good practice policy instruments supporting nature-based solutions and ecosystem restoration](#) (Interlace Hub, 2023)
-  [Investment Readiness Toolkit for nature-based projects](#) (Green Finance Institute, 2023)
-  [Innovative Finance for Nature and People](#) (Global Environment Facility, 2023)
-  [Incorporating Nature Based Solutions \(registration required\)](#) (GreenBlue Urban, 2023)
-  [Decent Work in Nature-based Solutions](#) (United Nations Environment Programme (UNEP), 2022)
-  [Ensuring the quality of nature-based solutions - perspectives of key stakeholder groups](#) (oppla, 2022)
-  [Nature-based Solutions - Opportunities and Challenges for Scaling Up](#) (United Nations Environment Programme, 2022)
-  [The role of Nature-based Solutions in strategies for Net Zero, Nature Positive and addressing Inequality](#) (World Business Council for Sustainable Development, 2022)
-  [Opportunities To Accelerate Nature-Based Solutions - A Roadmap For Climate Progress, Thriving Nature, Equity, & Prosperity](#)
(The White House, 2022)
-  [Urban Ecosystem Restoration & Nature-based Solutions](#) (Learning UCLG, 2022)
-  [Integrating Nature-Based Solutions for Climate Change Adaptation and Disaster Risk Management - A Practitioner's Guide](#) (Asian Development Bank, 2022)
-  [Taking nature-based solutions up the policy ladder](#) (Network Nature, 2022)
-  [The Value of Urban Nature Based Solutions](#) (UK Green Building Council, 2022)
-  [The Value of Urban Nature Based Solutions - A Practitioner's Guide \(benefits & stakeholder mapping tool\)](#) (UK Green Building Council, 2022)
-  [Aquaculture and Nature-based Solutions](#) (IUCN, 2022)
-  [Guidance on Nature-based Finance Opportunities for Land Managers in Scotland](#) (NatureScot, 2022)
-  [Nature-based Solutions - How are we restoring our relationship with nature in Europe?](#) (Network Nature, 2022)
-  [The vital role of nature-based solutions in a nature positive economy](#) (European Commission, 2022)
-  [Global Youth Position Statement on Nature-based Solutions](#) (Global Youth Biodiversity Network; YOUNGO; Youth4Nature, 2022)
-  [New strategy for Renaturing Cities through Nature Based Solutions](#) (Urban Green Up, 2022)
-  [Nature based solutions & Green Infrastructure case studies](#) (Conexus, 2022)
-  [The Gray, Green, Blue Continuum: Valuing the Benefit of Nature-Based Solutions for Integrated Urban Flood Management in China](#) (World Bank, 2021)
- [A Catalogue of Nature-Based Solutions for Urban Resilience](#) (World Bank, 2021)
- [Use nature-based solutions to reduce flooding in your area](#) (Department for Environment, Food and Rural Affairs (Defra); Environment Agency, 2021)

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-  [Nature-based Solutions for supporting sustainable development](#) (United Nations Environment Programme (UNEP), 2021)
-  [Nature-based solutions for climate change mitigation](#) (IUCN, 2021)
-  [nature-based Solutions case studies](#) (Nature-Based Solutions Initiative; University of Oxford, 2021)
-  [Nature-Based Solutions for Disaster Risk Reduction](#) (UN Office for Disaster Risk Reduction (UNDRR), 2021)
-  [Powering Nature - Creating the conditions to enable Nature-based Solutions](#), (World Wide Fund for Nature, 2021)
-  [Nature-based jobs and skills Action Plan 2021-2022](#), (Nature Scot, 2021)
-  [Nature-based Economy White Paper](#) (Network Nature, 2021)
-  [Investing in a Greener Greater Manchester - A nature-based solutions investment guide for local authorities](#) (IGNITION project, 2021)
-  [Evaluating the impact of nature based solutions- A Handbook for Practitioners](#) (European Commission, 2021)
-  [Nature Based Solutions - Financing Assessment](#) (Grow Green, 2021)
-  [Handbook for the Implementation of Nature-based Solutions for Water Security](#) (NAIDA project, 2021)
-  [What are Nature-Based Solutions - Risks, concerns, and opportunities](#) (Youth4Nature; Global Youth Biodiversity Network; YOUNG, 2021)
-  [Nature-based solutions in Europe - Policy, knowledge and practice for climate change adaptation and disaster risk reduction](#) (European Environment Agency, 2021)
-  [Interactive Research & Support Tool for nature-based solutions](#) (ReNature, 2021)
-  [Nature-based solutions in light of the Pandemic - Outcomes](#) (Network Nature, 2021)
-  [The IGNITION Project Interim Report](#) (the ignition project, 2021)
-  [Engineering with Nature Atlas](#) (Engineering with Nature, 2021)
-  [Principles for delivering urban Nature-based Solutions](#) (UK Green Buildings Council, 2021)
-  [Nature-based solutions and their socio-economic benefits for Europe's recovery](#) (Institute for European Environmental Policy (IEEP), 2021)
-  [Future brief - The solution is in nature](#) (European Commission, 2021)
-  [Nature-Based Solutions for Climate Change in the UK](#) (British Ecological Society, 2021)
-  [Economic costs and benefits of nature-based solutions to mitigate climate change](#) (Royal Society for the Protection of Birds (RSPB), 2020)
-  [Nature Based Solutions Knowledge Database](#) (Network Nature, 2020)
-  [Supporting a Green Recovery - an initial assessment of nature-based jobs and skills](#) (NatureScot, 2020)
-  [Mainstreaming Nature-Based Solutions - Biodiversity](#) (Naturvation, 2020)
-  [Mainstreaming Nature-Based Solutions - Climate Change](#) (Naturvation, 2020)
-  [Mainstreaming Nature-Based Solutions - Economic regeneration](#) (Naturvation, 2020)
-  [Mainstreaming Nature-Based Solutions - Sustainable Development Goals](#) (Naturvation, 2020)
-  [Mainstreaming Nature-Based Solutions - Social Inclusion, green infrastructure, green space, greenspace, community, health, wellbeing](#) (Naturvation, 2020)
-  [Nature-based Solutions - State of the Art in EU-funded Projects](#) (European Commission, 2020)
-  [Nature Hires: How Nature-based Solutions can power a green jobs recovery](#) (World Wildlife Fund (WWF), 2020)

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-  [Nature-based solutions for climate mitigation - Analysis of EU-funded projects](#) (European Commission, 2020)
-  [IUCN Global Standard for Nature-based Solutions - A user-friendly framework for the verification, design and scaling up of NbS](#) (International Union for Conservation of Nature (IUCN), 2020)
-  [Nature-based solutions improving water quality & waterbody conditions](#) (European Commission, 2020)
-  [Nature-based solutions for microclimate regulation and air quality](#) (European Commission, 2020)
-  [Nature-based solutions towards sustainable communities](#) (European Commission, 2020)
-  [Nature-based solutions for adapting to water-related climate risks](#) (Organisation for Economic Development and Cooperation (OECD), 2020)
-  [Nature-based solutions to the climate emergency - The benefits to business and society](#) (UK Green Building Council; Greater Manchester Combined Authority, 2020)
-  [Nature-based solutions for flood mitigation and coastal resilience](#) (European Commission, 2020)
-  [Enhancing NDCs through nature-based solutions - 8 simple recommendations for integrating nature into NDCs](#) (World Wildlife Fund for Nature (WWF), 2020)
-  [The Protective Value of Nature - A Review of the Effectiveness of Natural Infrastructure for Hazard Risk Reduction](#) (National Wildlife Federation, 2020)
-  [Using Nature-Based Solutions to Tackle the Climate Emergency and Biodiversity Crisis](#) (Chartered Institute for Ecology and Environmental Management (CIEEM), 2020)
-  [Nature Based Solutions Selection Tool](#) (Urban Green UP, 2020)
-  [Advice on using nature-based interventions to reach net zero greenhouse gas emissions by 2050](#) (Natural Capital Committee, 2020)
-  [Nature-based Solutions for NDCs Pathway Framework](#) (United Nations Development Programme (UNDP), 2019)
-  [Investing in nature: financing conservation and nature-based solutions](#) (European Investment Bank, 2019)
-  [Nature-based solutions in nationally determined contributions](#) (International Union for Conservation of Nature, 2019)
-  [Nature-based Solutions bibliography](#) (Oxford University, 2019)
-  [Nature Based Solutions – Technical Handbook](#) (Urban Nature Labs project, 2019)
-  [Natural capital accounts for the North Sea](#) (Statistics Netherlands (CBS), 2019) [Landscapes, at your service](#) (IUCN, 2018)
-  [Nature Based Solutions case studies](#) (Oppla, 2017)
-  [Nature Based Solutions to Climate Change \(Linkages between Science, Policy and Practice\) \[free book\]](#) (SpringerOpen, 2017)
-  [Nature-Based Solutions & Re-Naturing Cities](#) (European Commission - Directorate-General for Research and Innovation, 2015)

Planning

-  [Sherborne St John Neighbourhood Plan](#) (Basingstoke and Deane Borough Council, 2024)
-  [Local living and 20-minute neighbourhoods \(impact assessment 2024\)](#) (Scottish Government, 2024)
-  [Local living and 20-minute neighbourhoods: planning guidance](#) (Scottish Government, 2024)
-  [Co-creating Local Neighbourhood Plans with Children and Young People](#) (A Place in Childhood, 2024)

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-  [Our shared future - A TCPA White Paper for Homes and Communities](#) (Town and Country Planning Association, 2024)
-  [Housebuilding market study](#) (Competition and Markets Authority, 2024)
-  [Tomorrow 125 - Rediscovering the roots of a new society](#) (Town and Country Planning Association, 2024)
-  [UGF x High density](#) (London Legacy Development Corporation; Greater London Authority, 2023)
-  [Neighbourhood planning and 20-minute neighbourhoods toolkit](#) (Town and Country Planning Association; The University of Manchester, 2023)
-  [Peterlee - The Place to... Bee](#) (Town and Country Planning Association, 2023)
-  [Building the Future](#) (Town and Country Planning Association (TCPA), 2023)
-  [What is planning?](#) (Planning Aid London, 2023)
-  [Internal Development in Urban Growth Regions](#) (German Environment Agency (UBA), 2023)
-  [Garden City Myth-buster](#) (Town and Country Planning Association, 2023)
-  [Process Journey for Neighbourhood Planning Groups - Incorporating Green Infrastructure](#) (Natural England, 2023)
-  [Process Journey for Local Planning Authorities - Developing Green Infrastructure Policies and Strategies](#) (Natural England, 2023)
-  [Process Journey for Developers and Design Teams - Incorporating Green Infrastructure into Development](#) (Natural England, 2023)
-  [Handbook of Best Practices for Planning and Implementing Mitigation Measures regarding Landscape Connectivity](#) (Interreg, 2022)
-  [Toolkit for Ensuring Sustainable Use and Management of Green Infrastructure in SEA and EIA](#) (Interreg, 2022)
-  [Ending Global Sprawl](#) (Global Platform for Sustainable Cities; World Economic Forum, 2022)
-  [Greening Cities - Integrating Urban Greening and Ecology into City and Neighborhood Planning and Connecting Green Infrastructure](#) (Global Platform for Sustainable Cities; gef; Biophilic Cities, 2022)
-  [Locality Toolkits – How to consider the environment in Neighbourhood plans](#) (Neighbourhood Planning; Environment Agency; Forestry Commission; Historic England; Natural England, 2022)
-  [Community Infrastructure Levy \(update April 2022\)](#) (MHCLG, 2022)
-  [Planning - A new way forward](#) (The Wildlife Trusts, 2021)
-  [Building a safer future: a guide for communities on the planning system and flood risk](#) (Town and Country Planning Association (TCPA), 2021)
-  [National Planning Policy Framework \(update 2021\)](#) (Ministry of Housing, Communities & Local Government, 2021)
-  [Developer Contributions SPD \(Burnley\)](#) (Burnley Council, 2020)
-  [PLANNING 2020 ~ Interim report of the Raynsford review of planning in England](#) (Rt Hon. Nick Raynsford; Town and Country Planning Association (TCPA), 2018)
-  [Plain English Guide to the Planning System](#) (DCLG, 2015)
-  [Plan B: How to challenge bad developments in court](#) (CPRE and Environmental Law Foundation 2010)
-  [Planning Policy Statement 25 Development and Flood Risk](#) (Communities and Local Government, 2006)
-  [Planning Policy Statement 1: Delivering Sustainable Development](#) (Office of Deputy Prime Minister ODPM, 2005)

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Tools for Green Infrastructure, Ecosystem Services, SUDS & Natural Capital

- ❖ [West of England Urban Land Cover Classification](#) (West of England Nature Partnership, 2020)
- ❖ [Co\\$ting Nature \(natural capital accounting tool\)](#) (OPPLA, 2019)
- ❖ [BEEST \(BEST; Benefits Estimation Tool\) - valuing the benefits of blue-green infrastructure](#) (Susdrain, Update 2019)
- ❖ [UK Urban Canopy Cover - interactive online map](#) (Forest Research; Brillianto; Trees for Cities, 2018)
- ❖ [Tools for measuring, modelling, and valuing ecosystem services: guidance for Key Biodiversity Areas, natural World Heritage sites, and protected areas](#) (IUCN, 2018)
- ❖ [National Ecosystem Approach Toolkit, including Ecosystem Services, Engagement, Futures, incentives, Regulatory and valuation tool](#) (National Ecosystem Approach Toolkit (NEAT), 2018)
- ❖ [CAVAT \(Capital Asset Value for Amenity Trees\): Valuing amenity trees as public assets](#) (Open Access article in Arboricultural Journal, Forest Research Doick et. al, 2018)
- ❖ [Local Environmental Footprint Tool](#) (Oxford University, launched 2016)
- ❖ [Tool Assessor – lists a large number of analytical tools](#) lists a large number of analytical tools, gives background and provides a pdf summary, Ecosystem Knowledge Network, launched 2016)

This section below lists FREE analytical tools only

- ❖ [Green Infrastructure modelling toolkit](#) (US EPA, 2016) including:
 - ❖ [Watershed Management Optimization Support Tool](#) (2016)
 - ❖ [Visualizing Ecosystem Land Management Assessments](#)
 - ❖ [Storm Water Management Model](#)
- ❖ [InVEST- integrated valuation of ecosystem services and trade-offs](#) (Natural Capital Project, 2015), guidance, methodology & tool; no GIS required; very large files
- ❖ [Toolkit for Ecosystem Service Site-based Assessment](#) (TESSA; Birdlife, 2014), guidance & tool; registration required; works with & without GIS
- ❖ [i-Tree](#) urban forestry analysis (US Department for Agriculture, 2012) guidance, & tool; registration required; GIS required
- ❖ [Green Infrastructure Valuation Toolkit](#) (Green Infrastructure North West, 2012), guidance & toolkit; no GIS required
- ❖ [National Green Values Calculator](#) for Green Infrastructure & SUDS (US Environmental Protection Agency & Centre for Neighbourhood Technology, 2009), guidance & online tool; no GIS required
- ❖ [Glastir agri-environment scheme Monitoring report](#), CEH 2014, using the Land Utilisation & Capability Indicator (LUCI) model

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Sustainable Urban Drainage Systems (SUDS) & Flood Risk Mitigation

- ❖ [SUDS manual](#) (CIRIA, 2015)

- ❖ [Engineering With Nature - An Atlas, Volume 3](#) (Engineer Research and Development Center, 2024)
- ❖ [Nature Based Management of Urban Rainwater and Urban Surface Water Discharges](#) (Department of Housing, Local Government and Heritage, Ireland, 2024)
- ❖ [A case study on financing sustainable drainage systems \(SuDS\)](#) (Ignition project, 2024)
- ❖ [Lavington Avenue Playing Fields Sustainable Drainage Scheme](#) (Natural Course, 2024)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [Preparing a flood risk assessment - standing advice](#) (Environment Agency, 2024)
-  [Flood risk assessment - flood zones 1, 2, 3 and 3b](#) (Environment Agency, 2024)
-  [Natural flood management programme -Guidance](#) (Environment Agency; Department for Environment, Food & Rural Affairs, 2024)
-  [Water Resilience Assessment Framework Guidance for Basin Managers and Planning Authorities](#) (Pacific Institute, 2024)
-  [Advancing Stormwater Capture for Greener Schools in Los Angeles](#) (Pacific Institute, 2024)
-  [Untapped Potential - An Assessment of Urban Stormwater Runoff Potential in the United States](#) (Pacific Institute, 2024)
-  [Stormwater Design Manual](#) (Raleigh City Council, 2024)
-  [Building Resilient Coastal Communities through Nature-based Solutions and Empowerment Tools](#) (eklipse, 2024)
-  [Nature Based SuDS Guidance Document](#) (West Midlands Combined Authority, 2024)
-  [Engineering Green Roofs to Manage Stormwater and Save Money - A Case Stud](#) (Living Architecture Monitor, 2023)
-  [After the storm - A citizen's guide to understanding stormwater](#) (US Environmental Protection Agency, EPA, 2003)
-  [Sustainable Drainage Systems \(SuDS\) Schedule 3 Post Implementation Review](#) (Welsh Government, 2023)
-  [Sustainable drainage systems \(SuDS\) adoption manual](#) (anglian water, 2023)
-  [Using SuDS to reduce nitrogen in surface water runoff](#) (CIRIA, 2023)
-  [The review for implementation of Schedule 3 to The Flood and Water Management Act 2010](#) (Department for Environment, Food & Rural Affairs (Defra), 2023)
-  [Sustainable Drainage Explanatory, Design and Evaluation Guide](#) (South Dublin County Council, 2022)
-  [Sustainable Drainage Systems \(SuDS\) Advisory Note](#) (WRAP Cymru, 2022)
-  [A Householder's Guide To Sustainable Drainage \(SuDS\)](#) (South Dublin County Council, 2022)
-  [Sustainable Drainage Systems \(SuDS\) SPD](#) (Belfast City Council, 2022)
-  [New York State Stormwater Management Design Manual](#) (New York State, 2022)
-  [The natural flood management manual \(registration required\)](#) (CIRIA, 2022)
-  [Using the power of nature to increase flood resilience](#) (Environment Agency, 2021)
-  [An Introduction to Sustainable Drainage Systems \(SuDS\)](#) (The Flood Hub, 2021)
-  [The benefits of distributed SuDS in London](#) (CIRIA, 2021)
-  [London Strategic SuDS pilot](#) (Thames Regional Flood and Coastal Committee; Thames Water, 2021)
-  [International Stormwater Best Management Practices Database](#) (Environmental Protection Agency, 2021)
-  [Leeds City Region Sustainable Drainage Systems Guidance](#) (West Yorkshire Combined Authority, 2020)
-  [Saving the Rain - Green Stormwater Solutions for Congregations](#) (Environmental Protection Agency, 2020)
-  [Cost Effective Tools for Assessment of Infiltration at Green Infrastructure Stormwater Management Sites](#) (Environmental Protection Agency, 2019)
-  [Stormwater Management Plans](#) (Light Regional Council; Government of South Australia, 2019)
-  [Simple SuDS for Local People - A Guide to Sustainable Drainage in Developments](#) (National Flood Forum, 2019)
-  [Trees and Water Sensitive Urban Design - Volume 2 \(registration required\)](#) (GreenBlue Urban, 2019)
-  [Sustainable Drainage \(SuDS\) Statutory Guidance](#) (Welsh Government, 2019)
-  [London Sustainable Drainage Action Plan](#) (Greater London Authority, 2016)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [Rain Check 2.0 Opportunity Report- The Next Generation of Green Infrastructure in Buffalo](#) (Buffalo Sewer Authority, 2019)
-  [Weathering the storm - developing a Canadian Standard for flood-resilient existing communities](#) (University of Waterloo; Intact Centre on climate adaptation, 2019)
-  [Innovation in Action: 21st Century Water Infrastructure Solutions](#) (WaterNow Alliance, 2019)
-  [Improving Blue-Green Infrastructure Sustainability - Developing sites to fit with users' activities](#) (urban flood resilience Research Project, 2019)
-  [Urban flood resilience in Ontario - Ready Set Rain](#) (Green Communities Canada, 2019)
-  [Blue-green infrastructure - perspectives on planning, evaluation and collaboration](#) (CIRIA, 2019)
-  [Blue-green infrastructure - perspectives on water quality benefits](#) (CIRIA, 2019)
-  [Achieving sustainable drainage](#) (Landscape Institute, 2019)
-  [Local standards and guidance for surface water drainage on major development in Oxfordshire](#) (Oxfordshire County Council, 2018)
-  [Achieving Urban Flood Resilience in an Uncertain Future](#) (Urban Flood Resilience Research Project; University of Nottingham, 2018)
-  [SUDS Developers Hub](#) (CIRIA/ Susdrain, from 2018)
-  [Making it rain: Effective stormwater fees can create jobs, build Infrastructure, and drive investment in local communities](#) (Natural Resources Defense Council, 2018)
-  [A review of the application and effectiveness of planning policy for Sustainable Drainage Systems \(SuDS\)](#) (Ministry of Housing, Communities & Local Government, 2018)
-  [Multiple benefits of Natural Flood Management](#) (Natural Course; Natural England; Environment Agency (EA), 2018)
-  [National Stormwater Calculator - Tool to help control runoff and promote the natural movement of water](#) (US Environmental Protection Agency EPA, 2018)
-  [Surface Water Management - An Action Plan](#) (Department for Environment, Food and Rural Affairs Defra, 2018)
-  [Applying climate change allowances to SuDS design](#) (Susdrain, 2018)
-  [Overcoming common SuDS challenges](#) –Busting some design myths (Susdrain & CIRIA, 2018)
-  [Evaluating Green Infrastructure: A combined sewer overflow control alternative for long term control plans \(SuDS guidance\)](#) (New Jersey Department of Environmental Protection, 2018)
-  [Sustainable Drainage Systems \(SuDS\) - a Local Design Guide Appendix A to the Suffolk Flood Risk Management Strategy](#) (Suffolk County Council; Suffolk Flood Risk Management Partnership, 2018)
-  [Consultation – Summary of Responses Implementation of Sustainable Drainage Systems on New Developments](#) (Welsh Government, 2018)
-  [Sustainable Drainage Systems \(SuDS\) Handbook](#) (Staffordshire County Council, 2017)
-  [Strategies for urban stormwater wetlands](#) (MIT Center For Advanced Urbanism, 2017)
-  [Stormwater Management- EPA Pilot Project to Increase Use of Green Infrastructure Could Benefit from Documenting Collaborative Agreements](#) (US Government Accountability Office, 2017)
-  [Guidance on the construction of SuDS](#) (CIRIA, 2017) – free, but registration required
-  [When the Big Storms Hit – The Role of wetlands to Limit Urban and Rural Flood Damage](#) (University of Waterloo; Intact Centre on climate adaptation, 2017)
-  [Put Green Infrastructure between Your Community and the Next Coastal Storm](#) (National Oceanic and Atmospheric Administration, 2017)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [Working with the market: Economic Instruments to Support Investment in Green Stormwater Infrastructure](#) (Storm and Stream Solutions; Willamette Partnership, 2017)
-  [Naturally Stronger How Natural Water Infrastructure Can Save Money and Improve Lives](#) (American Rivers, 2017)
-  [Natural Flood Management: Policy and practical implementation](#) (CIEEM & Stroud District Council), 2017; webinar recording
-  [A place for Suds – Assessing the effectiveness of delivering multifunctional sustainable drainage](#) (Chartered Institution of Water and Environmental Management (CIWEM), 2017)
-  [Working with natural processes to reduce flood risk](#) – evidence directory, literature review, mapping user guide and case studies (Environment Agency, 2017)
-  [For Blue and Green Environment: Policy recommendations on better implementation of the Water Framework Directive and the Nature Directives](#) (CEEweb, 2017)
-  [Harvesting the Value of Water – stormwater, green infrastructure and real estate](#) (Urban Land Institute, Centre for Sustainability and Economic Performance, 2017)
-  [Living Map of Innovative SUDS Financing Mechanisms in the United States – with links to case studies](#) (Stanford University, 2017)
-  [Strategic Investigation of Natural Flood Management in Cumbria](#) (JBA consultants; Lancaster University for The Rivers Trust, 2016)
-  [Local Action Plan - Developing an Eco-System Services \(ESS\) Approach for Urban Catchment Management](#) (Department for Environment, Food & Rural Affairs (Defra), 2016)
-  [Benefit-cost analysis of stormwater green infrastructure for Grand Rapids, Michigan](#) (West Michigan Environmental Action Council, 2016)
-  [Stormwater Trees Technical Memorandum](#) (US EPA 2016)
-  SUDS case study: [Queen Caroline Estate, London Renfrew Close, London](#) (Susdrain, 2017)
-  [Reducing flood risk from source to sea](#) -First steps toward an integrated catchment plan for Cumbria (Environment Agency, June 2016)
-  [Delivering and Evaluating Multiple Flood Risk Benefits in Blue-Green Cities – Newcastle pilot project report](#) (Blue-Green Cities, 2016)
-  [Blue-Green cities factsheets on water & blue-green infrastructure](#) (Blue-Green Cities, 2016)
-  [Water Assessment and Drainage Assessment Guide](#) (SEPA, 2016)
-  [Guide to Sustainable Drainage Products and Services](#) (British Water, 2016)
-  [Water Assessment and Drainage Assessment Guide](#) (SEPA, 2015)
-  [Design guidelines for urban stormwater wetlands](#) (MIT Centre for Advanced Urbanism, 2015)
-  [A Guide to Assessing Green Infrastructure Costs and Benefits for Flood Reduction](#) (National Oceanic and Atmospheric Administration (NOAA), 2015)
-  [Green Infrastructure for Stormwater Control: Gauging Its Effectiveness with community Partners](#) (Environmental Protection Agency, 2015)
-  [Green Infrastructure Options to Reduce Flooding](#) - Definitions, Tips, and Considerations (National Oceanic and Atmospheric Administration, 2015)
-  [Sustainable drainage systems](#) (BGS, online tool, 2015)
-  [SUDS scheme Manor Ponds, Sheffield](#) (CIRIA case study 2014)
-  [A catchment system engineering approach to managing runoff in rural catchments.](#) Case Study. (James Hutton Institute & Newcastle University, 2014)

Green Infrastructure & Natural Capital Resource Library (GIRL)



- ❖ [Management and maintenance of Sustainable Drainage Systems \(SuDS\) landscapes](#) Interim Technical Guidance Note (Landscape Institute; 2014)
- ❖ [Final Surface Water Drainage Report - Comparative costings](#) (Department for Environment, Food & Rural Affairs (Defra); WSP, 2013)
- ❖ [Green Infrastructure Barriers and Opportunities in Phoenix, Arizona](#) (US Environmental Protection Agency, 2013)
- ❖ [‘The Economics of Ecosystems and Biodiversity for Water and Wetlands’](#) (IEEP & Ramsar Secretariat, 2013; published as part of TEEB project) - outlines critical water related ecosystem services and urges a major shift in attitudes towards wetlands.
- ❖ [FAQ on SuDS](#) (CIRIA; first published 2013)
- ❖ [SuDS case study library](#) (The American Society of Landscape Architects, from 2013)
- ❖ [Sustainable Drainage Systems: Maximising the benefits for people and wildlife](#) – (2012) guide for local authorities and developers produced by the **RSPB and WWT**. Identifies design criteria and features necessary for delivery and long-term management
- ❖ The [draft national SuDS standard](#) announced in the above act were published for consultation (Defra, 2011)
- ❖ [approval of sustainable drainage systems](#) (Town and Country Planning Association TCPA; GRABS, 2011)
- ❖ Anglian Water [Sustainable drainage systems \(SuDS\) manual](#) (2011) - A guide to the design, construction and adoption of sustainable drainage systems (SuDS).
- ❖ [Green City Clean Waters](#) - The City of Philadelphia’s Program for Combined Sewer Overflow Control (Philadelphia Water Department, June 2011)
- ❖ [Opportunity mapping for woodland to reduce flooding in the River Derwent, Cumbria](#) (Forest Research, 2010)
- ❖ [Opportunity Mapping for Woodland Creation to Reduce Diffuse Sediment and Phosphate Pollution in the Lake District](#) (Forest Research, 2010)
- ❖ [Opportunity mapping for woodland to reduce flooding in the Yorkshire and the Humber region](#) (Forest Research, 2010)
- ❖ [Retrofitting SuDS](#): a series of presentations (CIRIA, posted on YouTube)
- ❖ [Susdrain](#) provides up-to-date [guidance](#), [information](#), [case studies](#), [videos](#) and [photos](#) that help to underpin the planning, design, approval, construction and maintenance of SuDS
- ❖ [SuDS guidance](#) (CIRIA 2004-2010)
- ❖ [Promoting Sustainable Drainage Systems](#) (Islington Council, 2010) – Design guidance with specific examples for schools, retrofitting, roads and new development
- ❖ [Flood and Water Management Act 2010](#) (HM Government), in particular schedule 3 sets out key principles regarding SuDS
- ❖ [Green Values national Stormwater Management Calculator](#) (Center for Neighborhood Technology, 2009)
- ❖ [Final Surface Water Drainage Report - Comparative costings](#) (Defra & WSP, 2013)
- ❖ [Cost-benefit of SuDS retrofit in urban areas](#) (Environment Agency, 2008)
- ❖ [Managing Wet Weather with Green Infrastructure](#) (US Environmental Protection Agency, 2008)
- ❖ [case studies on commercial SuDS schemes](#) (Green Blue Urban)

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- 📘 [Rainwater Rewards - Green Infrastructure benefits calculator](#) (West Michigan Environmental Action Council)

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Regeneration/ Quality of Place/Planning

- 📘 [Green skills in education and employment](#) (UK Parliament, 2024)
- 📘 [Place Standard tool - How Good Is Our Place?](#) (Scottish Government; Public Health Scotland; Architecture & Design Scotland, 2023)
- 📘 [COVID-19: lessons for sustainability?](#) (European Environment Agency, 2022)
- 📘 [Environmental principles policy statement](#) (Department for Environment, Food & Rural Affairs (Defra), 2022)
- 📘 [The Urban Butterfly Effect - How nations can accelerate the contributions of local governments to global transformative change](#) (IUCN; ICLEI; The Nature Conservancy; AIPH; Durham University, 2022)
- 📘 [Planning - A new way forward](#) (The Wildlife Trusts, 2021)
- 📘 [Community Infrastructure Levy](#) (Ministry of Housing, Communities & Local Government, 2020)
- 📘 [Unlocking green growth: A plan from the ornamental horticulture & landscaping industry](#), (Ornamental Horticultural Roundtable Group; Horticultural Trade Association, 2021)
- 📘 [Public planning – a manifesto for London](#) (Centre for London, 2021)
- 📘 [Delivering new communities - A Technical Guide to Project and Programme Management for Local Authorities](#) (Town and Country Planning Association (TCPA), 2021)
- 📘 [Jobs for a green recovery - Levelling up through nature](#) (green alliance, 2021)
- 📘 [20 Minute Neighbourhoods - Creating Healthier, Active, Prosperous Communities](#) (Town and Country Planning Association, 2021)
- 📘 [Future Wales - The National Plan 2040](#) (Welsh Government, 2020)
- 📘 [Common Ground - A Shared Vision for Planning Reform](#) (Town and Country Planning Association (TCPA), 2020)
- 📘 [Enabling Healthy Placemaking](#) (Royal Town Planning Institute, 2020)
- 📘 [Home Comforts](#) (Place Alliance, 2020)
- 📘 [Place standard Scotland - guidance & assessment](#) (Scottish Government, 2020)
- 📘 [Landscape and Place for Success](#) (Scotland's Landscape Alliance, 2020)
- 📘 [Building Better Places - The Planning System Delivering Resilient and Brighter Futures](#) (Welsh Government, 2020)
- 📘 [PERFECT expert paper 4 - place-making and green infrastructure](#) (Town and Country Planning Association (TCPA); PERFECT project, 2019)
- 📘 [Creating space for beauty - The Interim Report of the Building Better, Building Beautiful Commission](#) (HM Government, 2019)
- 📘 [Neighbourhood planning toolkit](#) (Cheshire East Council, 2019)
- 📘 [What Planners And Local Government Policymakers Need To Know About Improving Wellbeing With Nature](#) (Improving Wellbeing through Urban Nature (IWUN), 2019)
- 📘 [South East Midlands Local Industrial Strategy \(example of embedding natural capital thinking\)](#) (Hm Government, 2019)
- 📘 [Demystifying shared and social values](#) (Valuing Nature, 2019)
- 📘 [Evaluation of the 25 Year Environmental Plan 'Pioneers'](#) (Department for Environment, Food & Rural Affairs (Defra), 2018)
- 📘 [Sustainable Development Code \(online guide\)](#) (Sustainable Development Code, 2019)

Green Infrastructure & Natural Capital Resource Library (GIRL)



- 📘 [World Urbanization Prospects - The 2018 Revision](#) (United Nations, 2019)
- 📘 [Shaping urbanization for children - A handbook on child-responsive urban planning](#) (UNICEF, 2018)
- 📘 [Noise and soundscape action plan 2018-2023](#) (Welsh Government, 2018)
- 📘 [Cities Alive: Green Building Envelope](#) (ARUP, 2016)
- 📘 [Urban Europe - Statistics on cities, towns and suburbs](#) – incl. chapter on green cities (Eurostat, 2016)
very large file
- 📘 [Our Environment Buckinghamshire and Milton Keynes: State of the Environment Report](#)
(Buckinghamshire & Milton Keynes Natural Environment Partnership, 2016)
- 📘 [Built Today, Treasured Tomorrow - a good practice guide to long-term stewardship - creating garden cities and suburbs today](#) (Town and Country Planning Association (TCPA), 2014)
- 📘 [Thy hom](#)
- 📘 [Garden Cities Myth-Buster: a short guide to myths and truths about creating new garden cities](#)
(Town and Country Planning Association (TCPA), 2014)
- 📘 [The Art of Building a Garden City - Garden City Standards for the 21st Century](#) (Town and Country Planning Association (TCPA), 2014)
- 📘 [The way we live now – What people need and expect from their homes](#) (Ipsos Mori/ Royal Institute of British architects, 2012), covers aspects such as access to green public space in urban locations
- 📘 [Grey places need green spaces - the case for investing in our nation's natural assets](#) (Groundwork, 2012) – very large file to download at bottom of page
- 📘 [Re-imagining urban spaces to help revitalise our high streets'](#) is aimed at anyone working to improve their high street, town centre or retail area (DCLG, 2012)
- 📘 [Greener Neighbourhoods: A good practice guide to managing green space](#) – National Housing Federation (November 2011).
- 📘 [Place Survey 2008, England: Local Government Statistical Release.](#) (Department for Communities and Local Government (DCLG), 2009)
- 📘 [World class places](#) (HM Government, 2009)
- 📘 [Performance of the Department for Communities and Local Government 2007-08: A Review by the National Audit Office](#) (National Audit Office 2008)
- 📘 [The Urban Environment](#) (Royal Commission of Environment Pollution (RCEP), 2007)
- 📘 [Public Service Agreement 21: Build more cohesive, empowered and active communities](#) (HM Government, 2007)
- 📘 [Sustainable communities: building for the future](#) (Office of Deputy Prime Minister (ODPM), 2003)
- 📘 [Decent Homes need decent spaces](#) 10 Key considerations for improving open space in social housing, published on the [neighbourhoods Green](#) website

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Sustainable transport and GI

- 📘 [Active Design - Creating Active Environments through Planning and Design](#) (Sport England, 2023)
- 📘 [Active Design Checklist](#) (Sport England, 2023)
- 📘 [Green and blue infrastructure - A transport sector perspective](#) (Chartered Institution of Highways & Transportation (CIHT), 2023)
- 📘 [The ten principles of Active Design](#) (Sport England, 2023)
- 📘 [Sustrans case studies](#) (Sustrans, 2022)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [Walking and cycling infrastructure design guidance](#) (Sustrans, 2022)
-  [Uniting the Movement - A 10-year vision to transform lives through sport and physical activity](#) (Sport England, 2021)
-  [Cycle Infrastructure Design](#) (Department for transport (DfT), 2020)
-  [Gear Change A bold vision for cycling and walking](#) (Department for Transport (DfT), 2020)
-  [The road to good design](#) (Highways England, 2018)
-  [The Bikeshare Planning Guide](#) (Institute for Transportation & Development Policy, 2018)
-  [Pedestrians First - Tools for a Walkable City](#) (Institute for Transportation & Development Policy, 2018)
-  [Roads and the environment- Putting an innovative approach at the heart of RIS2](#) (Campaign for better Transport, 2018)
-  [Monitor of Engagement with the Natural Environment visits to urban greenspaces \(2009-2016\)](#) (Natural England, 2018)
-  [More than a railway: HS2 and the natural environment](#) (HS2, 2018)
-  [Oxfordshire Cycling Design Standards](#) (Oxfordshire Council, June 2017)
-  [The Little Book of car free cities](#) (Imagination Lancaster; Lancaster University, 2017)
-  [Local Cycling and Walking Infrastructure Plans - Technical Guidance for Local Authorities](#) (Department for Transport, 2017)
-  [Urban Mobility Index](#) (Centre for Economics & Business Research Exploration, 2017)
-  [Measuring the SDGs an initial picture for the Netherlands](#) (Statistics Netherlands, 2017)
-  [Cycling and Walking Investment Strategy - Investment Inputs, Outputs and Outcomes](#) (Department for Transport, 2017)
-  [TOD standard -tool to help shape and assess urban development](#) (Institute for Transportation & Development Policy, 2017)
-  [Global Outlook on Walking and Cycling](#) (UNEP, 2016)
-  [Safety In Numbers for Cyclists in England: measuring the Effect](#) (Road Safety Analysis, 2016)
-  [Greenway management handbook – design manual](#) (Sustrans, June 2016)
-  [The Effectiveness of Mitigation Measures to Address the Environmental Impacts of Linear Transport Infrastructure on Protected Species/Habitats](#) (Natural England, November, 2013)
-  [Guidance Sheet – road verges](#) (Dorset County Council Natural Environment Team updated 2012)
-  [complete streets local policy workbook-2012](#) (Smart Growth America; National Complete Streets Coalition, 2012)
-  [Sustainable Customer Transportation - An Opportunities Guide for Retailers and Shopping Centers](#) (WWF 2011)
-  [Europe's Vibrant New Low Car\(bon\) Communities](#) (Institute for Transportation & Development Policy, 2011)
-  [LTP & ROWIP integration good practice note](#) (Natural England 2009)
-  [Routes to play A guide for local authorities How to ensure children and young people can get to play spaces actively and independently](#) (Sustrans 2009)

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Trees, Forestry and woodlands

-  [Sustainable finance and forest biodiversity criteria](#) (European Forest Institute, 2024)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [Trees and woods - At the heart of nature recovery in Scotland](#) (Woodland Trust, 2024)
-  [Trees and peat in the nature and climate crises](#) (Woodland Trust, 2023)
-  [Trees, Planning and Development - Creating financial, environmental and social value into the future](#) (Trees and Design Action Group (TDAG), 2023)
-  [Green Finance in the context of trees, woods, and forests](#) (Forest Research, 2023)
-  [Seeing the wood for the trees - the contribution of the forestry and timber sectors to biodiversity and net zero goals](#) (House of Commons - Environmental Audit Committee, 2023)
-  [Planning the urban forest - how to develop a Strategy that delivers](#) (Trees and Design Action Group (TDAG), 2023)
-  [Urban forest sustainability performance Indicators for the UK](#) (Trees and Design Action Group (TDAG), 2023)
-  [Legislation, policy and guidance on trees and development throughout the UK](#) (Trees and Design Action Group (TDAG), 2023)
-  [Boreal Forests in the Face of Climate Change](#) (Springer, 2023)
-  [The Value of Trees - main report](#) (Leicester County Council, 2023)
-  [The Value of Trees Appendix 1 - species selection matrix](#) (Leicester County Council, 2023)
-  [The Value of Trees Appendix 2 - species ecosystem services](#) (Leicester County Council, 2023)
-  [Tree cover, rewilding & tree planting interactive map](#) (Friends of the Earth, 2023)
-  [Tree Planting in Coastal Towns and Cities](#) (Trees For Cities, 2023)
-  [Woodland management matters - Ensuring the future health and resilience of our woodlands](#) (Forestry Commission, 2023)
-  [Trees and Woods - At the Heart of Nature Recovery in Northern Ireland](#) (Woodland Trust, 2023)
-  [Trees and Woods - At the Heart of Nature Recovery in England](#) (Woodland Trust, 2023)
-  [Trees and Woods - At the Heart of Nature Recovery in Wales](#) (Woodland Trust, 2023)
-  [Forest Pathways Report 2023](#) (World Wildlife Fund for Nature (WWF), 2023)
-  [Interconnected: Trees, people, planet \(annual report 2022\)](#) (CIFOR; World Agroforestry, 2023)
-  [Agro-forestry: a wood-pasture's role in resource protection](#) (Natural England, 2023)
-  [Urban Forests - a Global Perspective](#) (Food and Agriculture Organisation (FAO), 2023)
-  [Ancient and veteran trees - An Assessment Guide](#) (Woodland Trust, 2022)
-  [Woodland creation guide - Tree species handbook](#) (Woodland Trust, 2022)
-  [Woodland creation guide](#) (Woodland Trust, 2022)
-  [Woodland creation guide - Site assessment handbook](#) (Woodland Trust, 2022)
-  [Bringing the Tree Charter to life - a toolkit](#) (Woodland Trust, 2022)
-  [Why we need more trees in the UK](#) (Friends of the Earth, 2022)
-  [The Tree Grower's Guide](#) (the tree council; more trees, 2022)
-  [Mainstreaming biodiversity in forestry](#) (Food and Agriculture Organisation, 2022)
-  [Unlocking the Potential of Urban Forests \(registration required\)](#) (Uforest, 2022)
-  [NHS Forest Evidence](#) (NHS Forest, 2022)
-  [Forestry Facts & Figures 2022](#) (Forest Research, 2022)
-  [A Trees and Woodland Strategy Toolkit for Local Authorities](#) (the tree council; Forestry Commission, Department for Environment, Food & Rural Affairs (Defra), 2022)
-  [Valuing Non-Woodland Trees](#) (Department for Environment, Food & Rural Affairs (Defra), 2022)
-  [Forest Innovation to tackle the Climate and Biodiversity Emergencies](#) (University of Birmingham; BIFOR; Association of Applied Biologists, 2022)
-  [Riverwoods for Scotland - Report on Scientific Evidence](#) (Scottish Wildlife Trust; Scottish Environment Protection Agency; James Hutton Institute; NatureScot, 2022)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [Keepers of time: ancient and native woodland and trees policy in England](#) (Department for Environment, Food & Rural Affairs (Defra), 2022)
-  [Adapting forest and woodland management to the changing climate](#) (Forestry Commission, 2022)
-  [The Vitality of Forests - Illustrating the Evidence Connecting Forests and Human Health](#) (World Wildlife Fund (WWF), 2022)
-  [It's time to branch out - How woodland creation benefits your farm](#) (Forestry Commission (FC), 2022)
-  [Quantifying the sustainable forestry carbon cycle](#) (Forest Research, 2022)
-  [Designing and managing forests and woodlands to reduce flood risk](#) (Forest Research, 2022)
-  [Trees and Water Sensitive Urban Design: Volume 2](#) (GreenBlue Urban, 2021)
-  [Forest-based Care Market outlook](#) (Green4c, 2021)
-  [A guide to planning new woodland in England](#) (Forestry Commission (FC), 2021)
-  [An overview of training needs' assessment and stakeholder analysis in urban forestry](#) (Uforest, 2021)
-  [Tree Appraisal and the Value of Trees](#) (Purdue University, 2021)
-  [Encouraging woodland creation regeneration and tree planting on agricultural land,](#) (Natural England, 2021)
-  [State of the World's Trees,](#) (Botanic Gardens Conservation International, 2021)
-  [Trees, Planning and Development - A guide for Delivery](#) (Trees & Design Action Group; RTPI; RIBA; Landscape institute; TCPA; Arboricultural Association, 2021)
-  [England Trees Action Plan 2021 to 2024](#) (Department for Environment, Food & Rural Affairs (Defra), 2021)
-  [The Forest of Avon Plan - A Tree and Woodland Strategy for the West of England](#) (Forest of Avon Trust; West of England Nature Partnership, 2021)
-  [Why society needs nature](#) (Forest Research; Environment Agency; Nature Scot; Natural Resources Wales; Natural England, 2021)
-  [Woodland Creation](#) (Parliamentary Office of Science and Technology (POST), 2021)
-  [State of the UK's Woods and Trees 2021](#) (Woodland Trust, 2021)
-  [Time for trees - A guide to species selection for the UK](#) (Barcham Trees, 2021)
-  [New EU Forest Strategy for 2030](#) (European Commission, 2021)
-  [Re-Foresting - A Strategy for Productive Villages](#) (Leeds Beckett University, 2020)
-  [Science and innovation strategy for forestry in Great Britain](#) (Department for Environment, Food & Rural Affairs (Defra); Scottish Forestry; Forestry Commission, 2020)
-  [Forestry and Woodland Strategy for Glasgow City Region](#) (Glasgow City Region; Scottish Forestry, 2020)
-  [Trees and Development](#) (Liverpool City Council, 2020)
-  [London Urban Forest Plan](#) (Greater London Authority, 2020)
-  [Forest Sector Case Study – Applying the Natural Capital Protocol Forest Products Sector Guide](#) (Scottish Forestry; AECOM, 2020)
-  [Civic AI Toolkit: Connected urban forest blueprint](#) (Nesta, 2020)
-  [So You Want to Plant More Trees?](#) (Green Cities Europe Project, 2020)
-  [Emergency Tree Plan for the UK - How to increase tree cover and address the nature and climate emergency](#) (Woodland Trust, 2020)
-  [The benefits of an i-Tree Eco survey](#) (Forest Research, 2020)

Green Infrastructure & Natural Capital Resource Library (GIRL)



-  [All Our Trees - Greater Manchester's Tree and Woodland Strategy](#) (Greater Manchester Forests Partnership, 2020)
-  [The State of the World's Forests - Forests, Biodiversity and People](#) (Food and Agriculture Organization of the United Nations (FAO); United Nations Environment Programme (UNEP), 2020)
-  [Woodland Wildlife Toolkit](#) (Bat Conservation Trust; Butterfly Conservation; Forestry Commission; Natural England; Plantlife; RSPB; Sylva Foundation; Woodland Trust, 2019)
-  [Managing England's woodlands in a climate emergency - A guide to help foresters and agents implement adaptation actions](#) (Forest Research, 2019)
-  [Tributes to Trees](#) (Forest Research, 2019)
-  [Urban Trees, Highways & Utilities](#) (GreenBlue Urban, 2019)
-  [Planning for Ancient Woodland](#) - Planner's Manual for Ancient Woodland and Veteran Trees (Woodland Trust, 2019)
-  [Planning for Ancient Woodland - Planner's Manual for Ancient Woodland and Veteran Trees](#) (Woodland Trust, 2019)
-  [Valuing and governing tree and forest ecosystem services](#) (Forest Research, 2019)
-  [Trees and Stormwater case studies \(UK & USA\)](#) (deeproot, 2019)
-  [Understanding the role of urban tree management on ecosystem services](#) (Forest Research, 2019)
-  [Ecosystem services delivery by large stature urban trees](#) (Forest Research, 2019)
-  [Ecosystem services delivery by small and medium stature urban trees](#) (Forest Research, 2019)
-  [Managing forest operations to protect the water environment](#) (Forestry Commission (FC); Forest Research, 2019)
-  [The role of urban trees and greenspaces in reducing urban air temperatures](#) (Forestry Commission (FC); Forest Research, 2019)
-  [Woodland managers' understanding of resilience and their future information needs](#) (Forestry Commission (FC); Forest Research, 2019)
-  [First Steps in Valuing Trees and Green Infrastructure](#) (Trees & Design Action Group (TDAG); University of Birmingham; BIFOR, 2019)
-  [Street Tree Cost Benefit Analysis](#) (GreenBlue Urban, 2018)
-  [Valuing Cardiff's Urban Trees](#) (Forest Research, 2018)
-  [Canadian Urban Forest Strategy](#) (Tree Canada, 2018)
-  [UK Urban Canopy Cover](#) (Forest Research; Brillianto; Trees for Cities, 2018)
-  [Forest Facts & Figures](#) (Forest Research, 2018)
-  [Tree calculator for Ammonia Mitigation](#) (Centre for Ecology & Hydrology (CEH); Forest Research; Scottish Environment Protection Agency (SEPA), 2018)
-  [Shelter belt guidance \(Effects of Ammonia in the Landscape\)](#) (Centre for Ecology & Hydrology (CEH); Forest Research, 2018)
-  [Tree Species Selection for Green Infrastructure: A Guide for Specifiers](#) (Trees and Design Action Group (TDAG), 2018)
-  [Street Tree Cost Benefit](#) (GreenBlue Urban, 2018)
-  [Tree Health Resilience Strategy - Building the resilience of our trees, woods and forests to pests and diseases](#) (Department for Environment Food and Rural Affairs [DEFRA], 2018)
-  [State of the Urban Forest in Greater Toronto area](#) (Green Infrastructure Coalition Ontario, 2016)
-  [i-Tree Eco as a tool to inform urban forestry in GB: a literature review of its current application within urban forestry policy and management context](#) (Forest Research, 2018)
-  [Evaluation of i-Tree Eco surveys in Great Britain Impacts and key lessons: The views of stakeholders](#) (Forest Research, 2018)

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-  [Selecting tree species for a better urban treescape](#) (The Building Centre, 2018)
-  [Urban Tree Manual - The Right Tree in the Right Place for a Resilient Future](#) (Forest Research, 2018)
-  [A new Northern Forest](#) (Woodland Trust, 2018)
-  [US Urban Forest Statistics, Values, and Projections](#) (Journal of Forestry, 2018)
-  [How do we value trees & other green infrastructure in the urban environment? \(conference presentations\)](#) (University of Birmingham; Trees and Design Action Group, 2018)
-  [Compendium of Best Urban Forest Management Practices](#), (Tree Canada, 2018)
-  [A Guide To Community Tree Planting And Care](#) (Tree Canada, 2017)
-  [Funding Trees for Health - An Analysis of Finance and Policy Actions to Enable Tree Planting for Public Health](#) (The Nature Conservancy; Center for Whole Communities, 2017)
-  [Making London's woodland work –full report](#) (Lantern & Forestry Commission, 2017) [evidence](#)
-  [Trees for a Cool City: Guidelines for optimised tree placement](#) (Australian Government - Department of Industry, Innovation and Science, 2017)
-  [Charlotte Urban Forest Master Plan](#) (City of Charlotte; TreesCharlotte, 2017)
-  [Petersfield's Trees – their importance and value Results of the i-Tree Eco Survey](#) (the Petersfield Society, 2017)
-  [Assessing the investment returns from timber and carbon in woodland creation projects](#) Forest Research, 2017)
-  [The UK Forestry Standard](#) – The Governments' approach to sustainable forestry (Forestry Commission, 2017)
-  [Funding Trees for Health - Finance and Policy to Enable Tree Planting for Public Health](#) (Nature Conservancy, 2017)
-  [myForest for Education – tool for woodland management plans, maps and ecological impact assessments](#) (Sylva Foundation, 2017)
-  [Delivery of ecosystem services by urban trees](#) (Forestry Commission; 2017)
-  [Surface materials around trees in hard landscapes](#) (London Tree Officers Association; Green Blue Urban, 2017)
-  [Urban and Peri-Urban Forestry toolbox](#) (Food and Agriculture Organization of the United Nations (FAO), 2017)
-  [Non-wood forest products in international statistical systems](#) (Food and Agriculture Organization of the United Nations (FAO), 2017)
-  [Valuing the social and environmental contribution of woodlands and trees in England, Scotland and Wales](#) (Forestry Commission (FC), 2017)
-  [Where Should All the Trees Go? \(urban canopy report\)](#) (202020 Vision Network; Centre for Urban Research; RMIT University, 2017)
-  [Melbourne Urban Forest Map \(example of database of individual trees\)](#) (City of Melbourne, 2016)
-  [Assessing the wider benefits of the Woodland Carbon Code](#) (Eftec for Forestry Commission, 2016)
-  [Benefits of urban trees](#) infographic (FAO, 2016)
-  [Forests and Climate Change](#) (FAO 2016)
-  [State of the Urban Forest in Greater Toronto area](#) (Green Infrastructure Ontario Coalition, 2016)
-  [Ontario's urban Forests – call to action](#) (Green Infrastructure Coalition Ontario, 2016)
-  [Forty years of community-based forestry A review of its extent and effectiveness](#), (FAO, 2016)
-  [Agriculture and Forestry Climate Change Impacts report card 2016](#) (LWEC, 2016)
-  [Guidelines on urban and peri-urban forestry](#) (FAO, 2016)

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-  [Urban forest case studies](#) (Food and Agriculture Organization of the United Nations (FAO), 2016)
-  [How to grow and urban forest](#) (City of Melbourne; Victoria State Government, 2015)
-  [Our vision for a resilient urban forest](#) (Forestry Commission, Mersey Forest, 2015)
-  [Oxford i-Tree Canopy Cover Assessment](#) (Oxford City Council; treeconomics; Davey; Forest Research, 2015)
-  [Trends in Canada's Urban Forests](#) (Tree Canada, 2015)
-  [A Brief Historical Perspective of Urban Forests in Canada](#) (Tree Canada, 2015)
-  [Tree Canada Afforestation and Reforestation Protocol](#) (Tree Canada, 2015)
-  [Valuing London's Urban Forest - Results of the London i-Tree Eco Project](#) (Forestry Commission, 2015)
-  [Trees, People and the Built Environment Conference Proceedings](#) (Institute of Chartered Foresters, 2015)
-  [Residential developments and trees - the importance of trees and green spaces](#) (Woodland Trust, 2015)
-  [More from Trees - The Mersey Forest Plan](#) (The Mersey Forest, 2014)
-  [Mersey Forest Plan](#) (Mersey Forest, 2014) for Merseyside & Cheshire focusing on trees and woodland
-  [Planning for brownfield land regeneration to woodland and wider green infrastructure](#) (Forest Research 2014)
-  [Trees in Hard Landscapes - A Guide for Delivery](#) (Trees & Design Action Group (TDAG), 2014)
-  [Urban Forests – The value of Trees in the City of Toronto](#) (TD Economics, June 2014)
-  [Air temperature regulation by urban trees and green infrastructure'](#) (FC research note, 2013) outlines the vital role of urban trees in helping to lower temperatures in cities.
-  [Green Infrastructure & Open Environments: preparing Borough tree and woodland strategies – case studies](#) (Forestry Commission (FC); Mayor of London, 2013)
-  [Trees in the Townscape - A Guide for Decision Makers](#) (Trees & Design Action Group (TDAG), 2012)
-  [Pittsburgh Urban Forest Master Plan](#) (Tree Pittsburgh, 2012)
-  [Final Report](#) (The Independent Panel on Forestry; 2012). The report calls for the benefits of England's woods and forests to be re-valued for all the services they provide.
-  [Benefits of trees on livestock farms - the evidence for integrating trees](#) (The Woodland Trust, 2012)
-  [Urban Forest Strategy - making a great city greener 2012-2032](#), (City of Melbourne, 2012)
-  [Trees in the Townscape - A Guide for Decision Makers](#) (Trees & Design Action Group (TDAG), 2012)
-  [Tree management toolkit](#) for housing providers to help social landlords manage and care for trees in their communities. (Neighbourhoods Green/ Greater London Authority, 2012)
-  [Woodland for Water report](#) (FC, 2011), considers the evidence regarding benefits of woodland towards Water Framework Directive objectives
-  [Trees or turf](#) looks at how authorities can save money by converting amenity grassland to woodland (Woodland Trust, 2011)
-  [London's Urban Forest: A Guide for Designers, Planners and Developers – the Canopy](#) (Major of London/ Design for London/TDAG; 2011)
-  [The canopy](#) –urban design guide for trees, Design for London (2011)
-  [Woods for Health on Kinnoull Hill Perth](#), on the social return on investing in Green Infrastructure. Greenspace Scotland (2011)

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- 📘 [Flourishing trees, flourishing minds](#): nearby trees may improve mental wellbeing among housing association tenants (Forestry Commission, date unknown - 2011 or younger)
- 📘 [No trees, no future](#) (Trees and Design Action Group (TDAG), 2010)
- 📘 [Greening the concrete jungle- the importance of urban trees and woods](#) (Woodland Trust, June 2010)
- 📘 [Space for people](#) -Woodland Trusts standard for accessible woodlands, including data for all local Authorities (Woodland Trust 2010)
- 📘 [Urban health and health inequalities and the role of urban forestry](#) – literature review (Forestry Commission 2010)
- 📘 [Benefits of GI Paper Forest research report to Defra and CLG](#) (October 2010)
- 📘 [Economic Analysis Report - Valuation of ecosystem services provided by UK woodlands](#) (UK National Ecosystem Assessment, 2010)
- 💡 [i-Tree](#) is a software suite from the USDA Forest Service helps communities to strengthen their urban forest management, e.g., by quantifying the environmental services that trees provide.
- 📘 [The case for trees](#) – (Forestry Commission 2010) - aimed at people involved in urban planning and development
- 📘 [No trees, no future](#) (Trees and Design Action Group (TDAG), 2010)
- 📘 [The Scottish governments rationale for woodland expansion](#) (Forestry Commission (FC), 2009)
- 📘 [Developing native woodland habitat networks](#) (Forestry Commission Scotland, 2009)
- 📘 [Community perceptions of the national forest](#) (Alison Millward Associates, 2008)
- 📘 [Trees in towns II: A new survey of urban trees in England and their condition and management](#) (ADAS UK Ltd, 2008)
- 📘 [Leisure landscapes: exploring the role of forestry in tourism](#) (Forest Research, 2007)
- 📘 [Fifth Ministerial Conference for the Protection of Forestry in Europe.](#) (Ministerial Conference on the Protection of Forests in Europe (MCPFE), 2007)
- 📘 [The opportunities for woodland on contaminated land](#) (Forest Research, 2002)
- 📘 [Torbay's Urban Forest - Assessing Urban Forest Effects and Values](#) . A report on the findings from the UK i-Tree Eco pilot project.
- 📘 [Benefits of urban Trees](#) (USDA, 2003)

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Water Environment

- 📘 [A review of implementation of the Water Framework Directive Regulations and River Basin Management Planning in England](#) (Office for Environmental Protection, 2024)
- 📘 [River basin management in a changing climate](#) (European Commission, 2024)
- 📘 [Delivering flood resilience through the planning system in England](#) (Town and Country Planning Association, TCPA, 2024)
- 📘 [Testing the waters - Priorities for mitigating health risks from wastewater pollution](#) (Royal Academy of Engineering, 2024)
- 📘 [River Wye Action Plan](#) (Department for Environment, Food & Rural Affairs, 2024)
- 📘 [Improving river habitats to support wildlife during high and low flows](#) (Environment Agency, 2024)
- 📘 [Transforming places and enriching lives](#) (Canal & River Trust, 2024)
- 📘 [River restoration database](#) (Environment Agency; The River Restoration Centre, 2023)
- 📘 [Wales Flood Risk Management Plan](#) (Natural Resources Wales, 2023)

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-  [Catchment Sensitive Farming Phase 4 \(April 2018 – March 2021\) Delivery report](#) (Natural England, 2022)
-  [Guidance Flood risk and coastal change \(update Aug 2022\)](#) (Department for Levelling Up, Housing and Communities; Ministry of Housing, Communities & Local Government, 2022)
-  [Waterways & Wellbeing - Valuing Our Waterways](#) (Canal & River Trust, 2022)
-  [Driving Best Value Decision Making Within The Water Industry Using A Multi-Capitals Approach](#) (British Water; Atkins, 2022)
-  [A Strategy for Revitalising Manchester's River Valleys Urban Waters](#) (Manchester City Council, 2021)
-  [Using data modelling to identify sustainable catchment solutions](#) (Natural England, 2021)
-  [Urban Wetland Design Guide](#) (Enfield Council; Mayor of London; Zoological Society London, 2021)
-  [A Path to Cleaner Water - How investments in America's water infrastructure are protecting waterways](#) (Environment America, 2020)
-  [The social benefits of Blue Space: a systematic review](#) (Environment Agency, 2020)
-  [Designing Blue Green Infrastructure \(BGI\) for water management, human health, and wellbeing: summary of evidence and principles for design](#) (The University of Sheffield, 2020)
-  [Mapping the potential for Working with Natural Processes – user guide](#) (Department for Environment, Food and Rural Affairs (Defra); Environment Agency; Natural Resources Wales; Scottish Environment Protection Agency; Woodland Trust; Welsh Government, 2020)
-  [Floodplains - a natural system to preserve and restore](#) (European Environment Agency, 2019)
-  [Modelling better business: Anglian Water's approach to valuing its land for biodiversity and preparing for net gain](#) (University of Cambridge; Natural Capital Impact Group, 2019)
-  [Valuing the benefits of blue-green infrastructure - Project Summary](#) (Department for Environment, Food and Rural Affairs (Defra); Environment Agency (EA); Natural Resources Wales (NRW); Welsh Government, 2019)
-  [Delivering better water management through the planning system](#) (CIRIA; CIWEM; Royal Town Planning Institute (RTPI); Town and Country Planning Association (TCPA), 2019)
-  [Infragreen - Intelligent water management solutions for a more resilient future](#) (Polypipe, 2019)
-  [Blue-green infrastructure - perspectives on water quality benefits \(C780b\)](#) (CIRIA, 2019)
-  [The state of the environment - water resources](#) (Environment Agency, 2018)
-  [Working with Natural Processes – Evidence Directory](#) (Department for Environment, Food and Rural Affairs (Defra); Environment Agency; Natural Resources Wales; Scottish Environment Protection Agency; Woodland Trust; Welsh Government, 2018)
-  [Working with Natural Processes - case studies](#) (Department for Environment, Food and Rural Affairs (Defra); Environment Agency; Natural Resources Wales; Scottish Environment Protection Agency; Woodland Trust; Welsh Government, 2018)
-  [The state of the environment: water quality](#) (Environment Agency, 2018)
-  [Green Infrastructure & Living Shoreline tool](#) (Connecticut Institute for Resilience & Climate Adaptation (CIRCA), 2018)
-  [Evidence Summary: Ecosystem-based Adaptation and Coastal Populations](#) (USAID, 2018)
-  [Beyond the Source- The environmental, economic and community benefits of source water protection](#) (The Nature Conservancy; Center for Whole Communities, 2017)
-  [Coastal resilience solutions for Boston](#) (Massachusetts Office of Coastal Zone Management, 2017)
-  [Waterways & Wellbeing Building the Evidence Base](#) (Canal & River Trust, 2017)
-  [Green approaches in river engineering – supplementing implementation of Green Infrastructure](#) (HR Wallingford, 2017)

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-  [WaterSpace Study](#) (Wessex Water; Environment Agency (EA); Bath and North East Somerset Council, 2017)
-  [Smarter flood risk management in England: investing in resilient catchments](#) (Green Alliance, 2017)
-  [Do trees in UK relevant river catchments influence fluvial flood peaks?](#) (Centre for Ecology & Hydrology (CEH); Environment Agency (EA); Forest Research; Lancaster University; National Trust; Woodland Trust; World Wide Fund for Nature (WWF), 2017)
-  [Principles and methods of natural flood management in small streams and their catchments](#) (Stroud District Council, 2016)
-  [Alliances for Green Infrastructure - State of Watershed Investment 2016](#) (Forest Trends, 2016)
-  [How rewilding reduces flood risk](#) (Rewilding Britain, 2016)
-  [Sustainable Water - A Long-Term Water Strategy for Northern Ireland](#) (Department for Regional Development Northern Ireland, 2016)
-  [Moving toward Water Sensitive Cities](#), including tools to assist transition to SuDS (Monash University, Australian Government, 2016)
-  [Strengthening Blue-Green Infrastructure in our cities – enhancing blue –green Infrastructure & Social performance in high density urban environments](#) (Ramboll; Liveable Cities Lab, 2016)
-  [Flood Toolkit](#) (Northamptonshire County Council, launched 2015)
-  [Water Ecosystem Services](#) (UNESCO, 2015)
-  [Planning advice for integrated water management](#) (Cambridge University, June 2014)
-  [Green Infrastructure: A New Way of Addressing Water Quality Issues Within a Growing Population.](#) (Fordham University, USA, 2014)
-  [Urban Water Blueprint Mapping conservation solutions to the global water challenge](#) (Nature Conservancy, 2014)
-  [Green Infrastructure Guide for Water Management: Ecosystem-based Management Approaches to Water-related Infrastructure Projects](#) (UNEP, UNEP-DHI, WRI, IUCN, 2014)
-  [Enhancing Sustainable Communities with Green Infrastructure](#) - A Guide to Help Communities Better Manage Stormwater While Achieving Other Environmental, Public Health, Social, and Economic Benefits (EPA, 2014)
-  [Participatory Ecosystem Services Visualisation Framework](#) (Westcountry Rivers Trust, 2014) tailored towards working with river catchments
-  [Paying for Ecosystem Services pilot: Flood regulation in Hull –final report](#) (Defra, 2013) – with explicit reference to GI.
-  [GI in East New York That Will Improve Water Quality](#) (NYC, 2013)
-  [Factors that affect uptake of natural flood management features by farmers in Scotland: a review](#) (the James Hutton institute; The Scottish Government, 2012)
-  [Woodland for Water report](#) (FC, 2011), considers the evidence regarding benefits of woodland towards Water Framework Directive objectives
-  [Economic Assessment of Freshwater, Wetland and Floodplain \(FWF\) Ecosystem Services](#) (Cranfield University/UK National Ecosystem Assessment, 2011)
-  [water management and adaptation to climate change](#) (Town and Country Planning Association TCPA; GRABS, 2011)
-  [Improving response, recovery and resilience Improving Institutional and Social Responses to Flooding - Summary](#) (Department for Environment, Food & Rural Affairs (Defra); Environment Agency (EA), 2009)
-  [Green Infrastructure and Hydrology](#) (Mersey Forest, 2009)

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-  [Making space for water urban flood risk & integrated drainage](#) (HA2), IUD pilot summary report, (Defra,2008)
-  [Future Water, the Government's Water Strategy for England](#) (Defra,2008)
-  [British waterways: follow up](#) (British waterways, Defra, 2008)
-  [The Pitt Review. Learning lessons from the 2007 floods - Full report.](#) (HM Government; Cabinet Office, 2008)
-  [Working towards a better quality of life: Environmental justice in South Yorkshire](#) (Environment Agency, 2008)
-  [Impacts of upland land management on flood risk: multi-scale modelling methodology and results from the Pontbren experiment.](#) (Natural Environment Research Council (NERC), 2008)
-  [Restoring floodplain woodland for flood alleviation.](#) (Department for Environment, Food & Rural Affairs (Defra), 2008)
-  [Managing Stormwater for Urban Sustainability using Trees and Structural Soils. \(book chapter\)](#) (Day; S.D; and S.B. Dickinson (Eds.), 2008)
-  [Developing a conceptual model of flood impacts upon human health.](#) (HR Wallingford, 2008)
-  [Foresight. Future Flooding.](#) Scientific Summary: Volume I Future risks and their drivers. (Office of Science and Technology, London., 2004)
-  [Foresight. Future Flooding.](#) Scientific Summary: [Volume II Managing Future Risks.](#) (Office of Science and Technology, London., 2004)
-  [Habitats Directive Risks tool](#) (Environment Agency; requires MS Access 2003 or above), sharing information on the risks posed to protected sites from activities the EA regulates.
-  [Catchment Management Modelling Platform case studies](#) (Catchment Management Modelling Platform)
 - [Case Study 1](#) Multiple pollutant and ecosystem services responses to land management policies and agri-environment interventions
 - [Case Study 2](#) Effectiveness of land management policies and agri-environment interventions
 - [Case Study 3](#) Costs and benefits of mitigation measures
 - [Case Study 4](#) Effectiveness of pollution control measures under scenarios
 - [Case Study 5](#) Uncertainty in ecological responses to water quality control measures
 - [Case Study 6](#) Effects of input data quality & quantity on evaluation of land management
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