



HOUSING BRIGHTON

8 - 9 MAY 2024

Building Homes Fit for the Future



Francesco Ferrari, Associate, Arup

Nigel Donohue, CEO, IAA

Mike Skilton, Partner, Ridge and Partners

Chair: Philip Jenkins, Executive Director, Peabody





Time to network and meet our exhibitors!

Complimentary refreshments are available in the exhibition hall. The next sessions begin at 11:45.



Green Spaces for Sustainable Communities

Gary Grant, Technical Director, Green Infrastructure Consultancy

Sarah Daly, Associate Director, Sustainability, Turner & Townsend

Chair: Richard Kennedy, Co-Founder, Cornerstone Place



Adapting to Climate Change in the Built Environment using Blue & Green Infrastructure (Nature-based Solutions)



The Green
Infrastructure
Consultancy

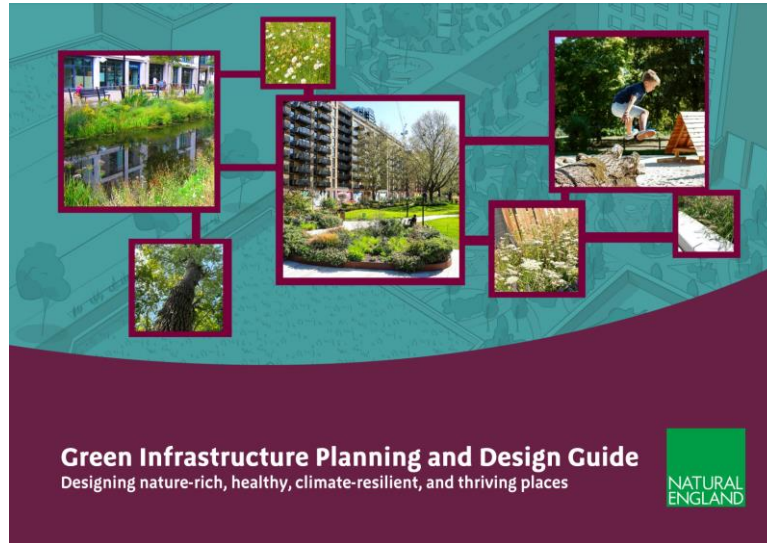
Gary Grant

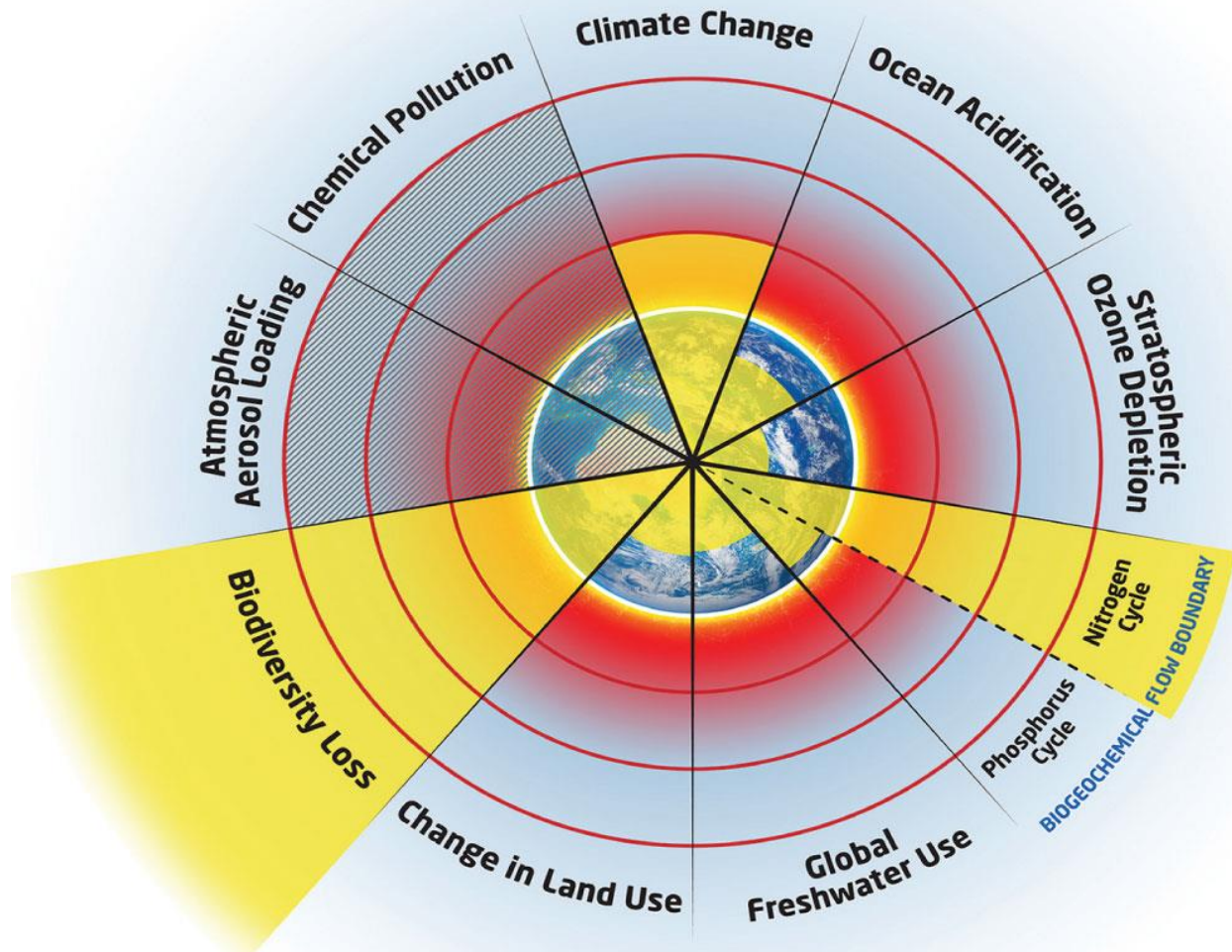
Twitter @ecoschemes

Green Infrastructure Planning and Design Guide



- Designing nature-rich, healthy, climate-resilient and thriving places





Climate Change Mitigation

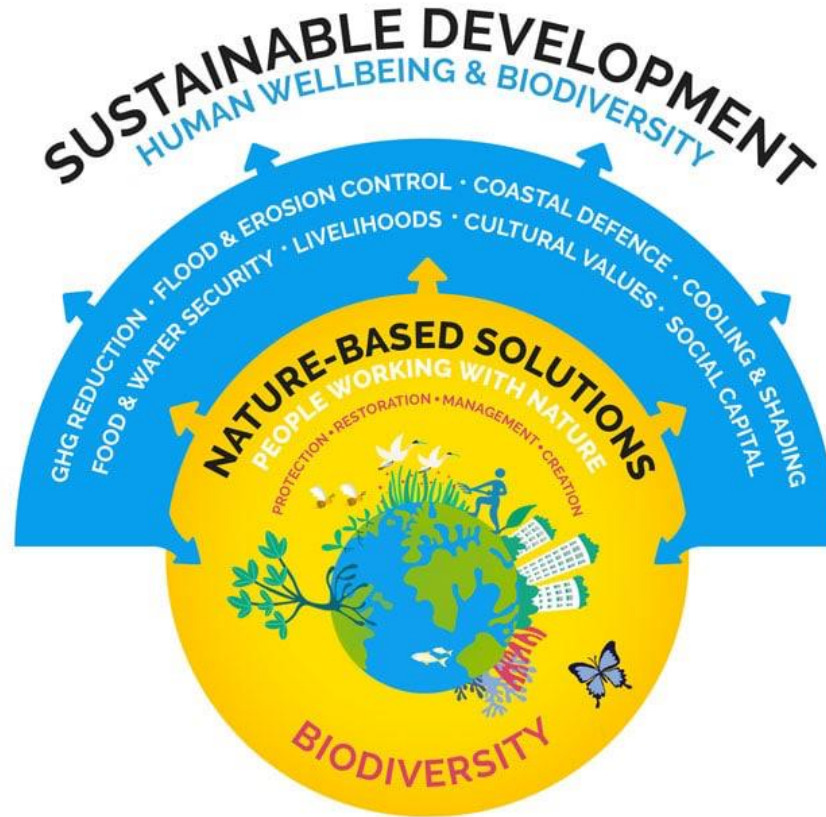
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Climate Change Adaptation

Mitigation: Avoiding and reducing the emission of greenhouse gases

Adaptation: Altering our behaviour and environment to live with climate change

Nature-based Solutions (NbS)

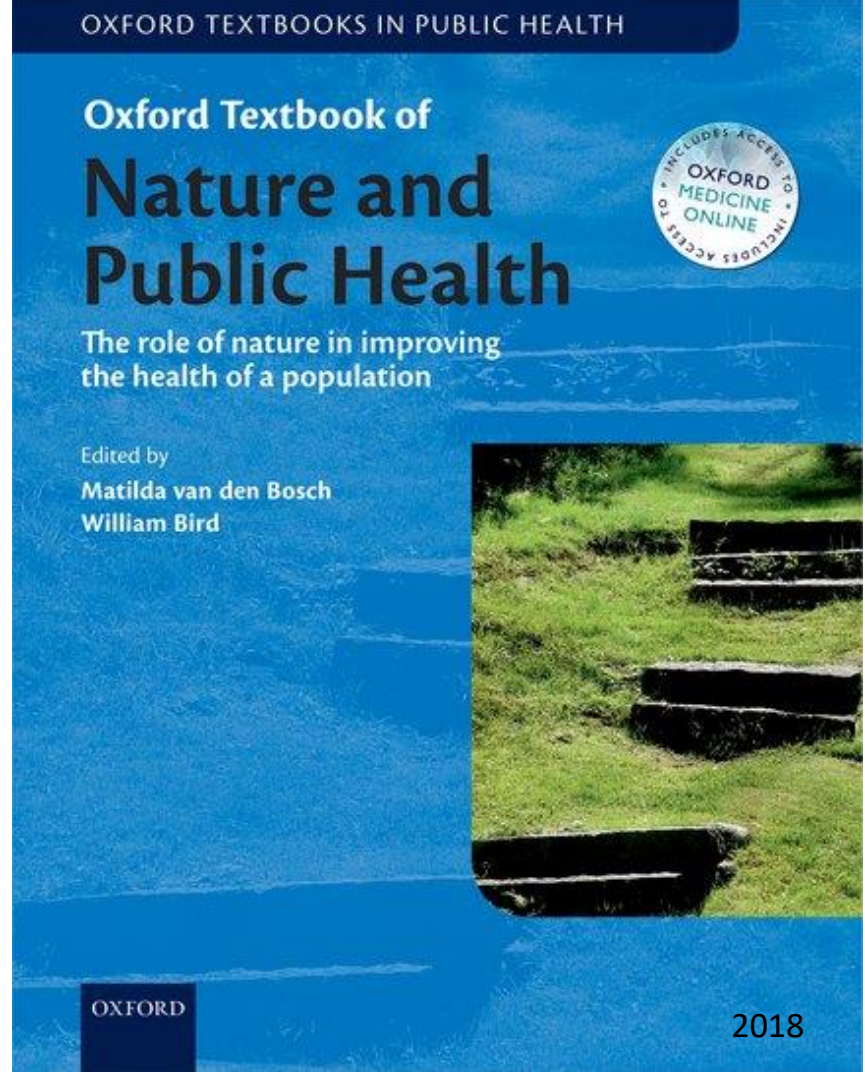


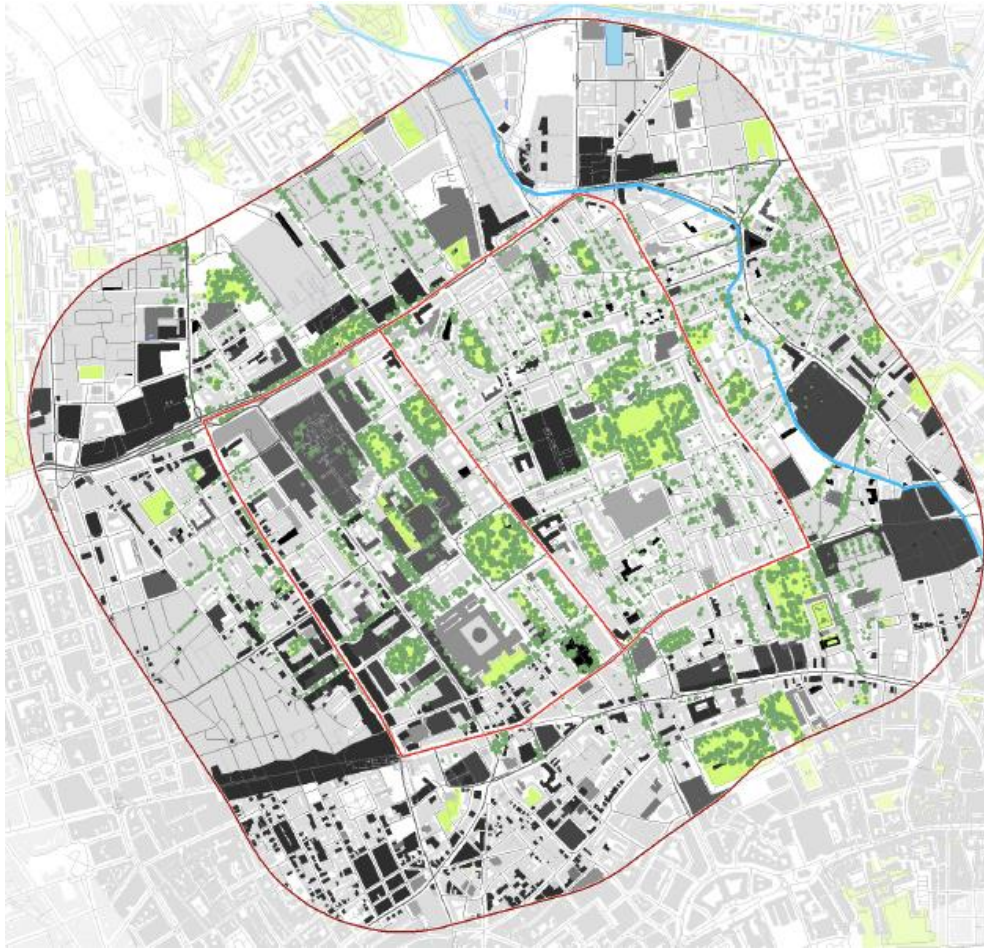
<https://www.naturebasedsolutionsinitiative.org/what-are-nature-based-solutions/>

Benefits of Nature-based solutions:

- Stormwater management
- Water supply
- Microclimate
- Shade
- Cooling
- Windbreaks
- Reduces energy use
- Sequesters carbon
- Clean air
- Clean water
- Less noise
- Food
- Health and Wellbeing
- Community Cohesion
- Education
- Biodiversity
- Reduces requirement for grey infrastructure

- Clean Air & Water
- Exercise
- Psychological
- Biophilia





Green
infrastructure
Audit &
Opportunity
Mapping



Clapton Park Estate (The Poppy Estate), Hackney



Climate-proofing 3 Estates: Hammersmith & Fulham



Littlehampton Rain Garden



Biophilic Living, Swansea

David Attenborough
Building Biodiverse
Extensive Green Roof,
CCI, Cambridge





Biosolar Roof or Solar Green Roof



Vertical Bifacial Biosolar Green Roof

Green Walls



Climbers (Traditional against wall or on trellis)

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