

## Greening for Health, Wellbeing, and Climate Resilience, 2 July 2020

Further resources

### Biophilia/greening and benefits to indoor spaces:

- [Human Spaces](#) report – biophilic design in workplaces.
- [Ulrich research](#) on recovery of patients in hospital with views of green space
- Useful publications on workplace design: [https://info.interface.com/whitepapers-en\\_GB](https://info.interface.com/whitepapers-en_GB)
- [Improving work place health and well-being with sensory gardens](#) – Wellcome Trust, London
- [Flourishing Workplaces: a Multisensory Approach to Design and POE](#)
- [The Multi-Sensory Experience in Buildings](#) (Chapter 3 – requires purchase)
- [Feeling Good in Public Spaces series](#) – Feeling Good Foundation and ARCC
- [Economics of Biophilia](#) – Terrapin Bright Green, 2013

### Links between aspects of environment and health

- [Eco-Health Relationship Browser](#) – EPA, USA

### CIBSE Green Infrastructure Design Challenge projects:

- <https://www.arcc-network.org.uk/adaptive-places/gi-challenge-2018/>,
- <https://www.arcc-network.org.uk/adaptive-places/green-infrastructure-design-challenge/>,
- <https://www.arcc-network.org.uk/adaptive-places/green-sky-thinking-week/>

### Greening and air quality:

- [Roadside hedges protect human health at the cost of plant health](#) – University of Surrey, June 2020
- [Quantifying particulate matter reduction and their deposition on the leaves of green infrastructure](#) – Environmental Pollution, October 2020
- [Regional-scale modelling for the assessment of atmospheric particulate matter concentrations at rural background locations in Europe](#)
- [The nexus between air pollution, green infrastructure and human health](#) Prashant Kumar, et al, Environment International
- [Designing vegetation barriers for urban air pollution abatement](#): a practical review for appropriate plant species selection
- [Considerations for evaluating green infrastructure impacts in microscale and macroscale air pollution dispersion models](#)
- [Quantifying particulate matter reduction and their deposition on the leaves of green infrastructure](#)
- [Considerations regarding green infrastructure implementation for improved air quality](#)
- [Guidance on using green infrastructure to protect people from air pollution](#) – GLA

### School greening and air quality projects:

- [Goose Green Primary School](#) in Southwark- example of a school that involved parents, local businesses and the wider community in greening the school and improving air quality.
- [Mayor's school audit programme](#) included engagement as a central theme. Information on the website.
- [Examples of school greening projects funded by the Mayor's City Greening Fund](#) - GLA
- [A primary school driven initiative to influence commuting style for dropping-off and picking-up of pupils](#) Community school engagement – part of Guildford Living Lab

### Nature-based solutions in mitigating natural hazards:

- [Towards an operationalisation of nature-based solutions for natural hazards](#)

**Carbon sequestration:**

- Newcastle University [Sustainable Urban Carbon Capture: Engineering Soils for Climate Change](#) Soils in cities are more effective carbon sinks for carbon than agricultural soils.

**Partner initiatives:**

- UK Green Building Council [Increasing Nature-Based Solutions programme](#)
- [IGNITION project](#) (developing innovative financing mechanisms for greening in Manchester).
- [WSP Future Ready Landscapes](#) – redefining urban spaces with multiple benefits - includes case studies.
- [TCPA Healthy Homes](#) - Campaign for a proposed Healthy Homes Bill, including reference to the curtiledge
- [MESH network and directory](#) of climate service professionals – you can join at the link.