

London Climate Change Partnership Steering Group Meeting

18 January 2017, City Hall, London



Partnership Update

News and Events

Adaptation pathways About 20 LCCP partners and colleagues gathered on November 21 at TfL to take part in “Managing Risk Despite Uncertainty: Adaptation Pathways,” organized by LCCP with colleagues from Tecnalía in Bilbao. The purpose of the workshop was to provide feedback to Tecnalía in its effort to produce a standard methodology for designing adaptation pathways, and to introduce the approach to colleagues who are interested in learning more about it. Chris Rapley introduced the event and Tim Reeder presented about his use of adaptation pathways in the TE2100 project, as well as about how the approach has been replicated in other projects internationally. Alex Nickson presented about how pathways are being used to inform water resource decisions at Thames Water. For more information, including presentations and an event report, speak with Kristen.

Overcoming obstacles to high-density resilient cities: urban microclimate On January 6, LCCP hosted an event organized by the CIBSE Resilient Cities network and ARCC. Bringing together science, policy, and practitioner communities, the event explored the obstacles and opportunities that urban density present for resilience. Short, sharp presentations about energy management, urban microclimate, health and wellbeing, facilities management, and greening cities were followed by facilitated table discussions that brought out the gaps in our knowledge and helpful learning about how to make scientific research useful to practitioners. For more information, ask Kristen or Briony.

URBAN FLUXES project briefing Sue Grimmond (Reading University) and colleagues will provide an update on the project, which is using earth observation satellite data, combined with conventional meteorological measurements and thermal cameras, to create high-resolution maps of heat fluxes across London, as well as high-resolution maps of surface characteristics (roughness, vegetation cover, etc.). The data will allow identification and monitoring of change in urban energy use, which can provide context for design and planning of buildings and infrastructure. It can also help with identifying and assessing measures to address heat. Participants will have a chance to ask questions and discuss potential application of the data, including how to make it most useful to local decision-makers and practitioners. February 14, City Hall. For details or to attend, ask Kristen or Sue.

Food security and climate change roundtable Following the recent UK Climate Change Risk Assessment [evidence report](#), which identified food security as one of the top six risks to the UK from climate change (related to resilience of supply chains, food price spikes/volatility, food safety), LCCP and partners agreed to a further

discussion about how these issues will affect London in particular and what needs to happen at different levels of decision-making to improve the resilience of the city with regard to food supply. The roundtable will take place on January 24 at City Hall, with participation from national and local government, health, sustainability, insurance, and academia. Contact Kristen if you'd like to attend, or for more information.

Anytown interdependencies mapping workshop LCCP is working with London Resilience to plan a workshop aimed at identifying the infrastructure interdependencies and potential cascade failures from a severe weather event, based on the [Anytown methodology](#). The focus of the workshop will be disruption and the ripple effects of disruption to transport networks. March 10, City Hall.

Opportunity: Research Fellow, Nexus Shocks The ESRC Nexus Network-funded project [Informing decision-making and resilience to nexus shocks](#), based at the Centre for Research in Social Simulation (CRESS) in the Department of Sociology, Surrey University, is looking for a Research Fellow to work with Dr. Candice Howarth, the project leader, conducting semi-structured interviews and producing outputs for academic and non-academic audiences. The appointee will explore what constitutes a climate shock to the energy-food-water environment (FEWE) nexus, the effects on different stakeholders, possible responses, and barriers and opportunities to building long-term resilience. The position is fixed term, full time for five months. Part-time applications will be considered. Informal enquiries about the post may be sent to [Candice](#), the full vacancy listing is [here](#). The deadline to apply is February 2.

Opportunity: PhD studentship The Oxford Institute for Sustainable Development and the School of Architecture in Oxford Brookes University are pleased to announce a fully-funded full-time PhD studentship in reducing the energy performance gap in housing. The focus of the work will be to understand, evaluate and minimize the effect of the energy performance gap on actual housing performance, both from a technical and occupants' perspective. This opportunity is open to UK, EU and international students. The successful applicant will receive an annual bursary of £11,000/year for three years and the fees will be paid by the University. For more information about the role and how to apply, see [this page](#). The deadline to apply is January 20.

Adaptation retrofit in social housing With funding from the EU Life+ program, Groundwork London and Hammersmith & Fulham council have been working with local residents to design and retrofit affordable climate change adaptation measures on three west London housing estates. On the project [website](#), you can find an implementation guide, case studies, and a layman's report, among other resources.

Climate Change and English local plans The Town and Country Planning Association has published a new report funded by the Joseph Rowntree Foundation: [Planning for the Climate Challenge? Understanding the performance of English local plans](#). Asserting that local plans are not delivering to the basic standards set out in national law and policy for adaptation or mitigation, TCPA sets out ten

recommendations for placing climate change at the top of the policy priorities of the spatial planning system.

New Climate Change Impact Report Card: Water The [Living With Environmental Change](#) (LWEC) impact report cards present the latest evidence about how climate change affects different aspects of the environment, economy, and society. They are designed for use by decision-makers at all levels, but policy advisers, ministers, and local authorities in particular. The latest report card, on water, looks at climate change impacts on fresh water from source to sea—including rainfall, floods, and droughts. LWEC has published similar cards on Biodiversity, Agriculture and Forestry, Infrastructure, and Health. All of the cards, along with their source papers, can be downloaded [here](#).

Public consultation on climate-related financial disclosure The Financial Stability Board's Task Force on Climate-Related Financial Disclosure (TCFD), which is chaired by Michael Bloomberg, is working to develop a consistent approach to voluntary financial disclosure by companies for investors, lenders, insurers, and other stakeholders. In December, the TCFD published its [recommendations](#) (and an [annex](#)) and launched a [60-day consultation](#), which ends on February 12. If you are interested in an overview of the recommendations report, you can join a webinar on January 24th or 25th. [Details here](#).

Finding a common approach to resilience: CIRIA event January 25, Hammersmith. In this workshop, participants will consider definitions of resilience, share lessons about setting appropriate levels of resilience in design and management of assets, and discuss how to develop integrated resilience plans across sectors. Keynote address will be from Ben Fletcher of the Civil Contingencies Secretariat, Cabinet Office. More information and registration instructions are available [here](#).

Forward Look

January

Defra is expected to publish its UK Climate Change Risk Assessment Government Report, following on from the July 2016 publication of the CCRA evidence report by the Adaptation Sub-Committee.

February

3rd: Launch of BRE Resilient House. This demonstrator house on the BRE Innovation Park includes a range of design, material, and technical features that aim to make it resilient to flooding. It's free to attend, and you can [book here](#).

March

7-9th: [Ecobuild](#), Excel, London