

# The Journey to Equitable Planning

## Delivering Change Managing Growth with Digital Twins

### Venue

G32 Board Room at Department of Earth Science & Engineering,  
Imperial College. Prince Consort Road, London, SW7 2AZ

### Objectives

Healthy People Healthy Planet is an authoritative group of academic & professional experts in the fields of AI, The Built Environment, Public Health and Mobility, established to define and address the needs to:

- Decarbonise transport and the built environment
- Support economic growth through streamlining Planning
- Create more equitable housing supply
- Reinforce the socio-economic robustness of town centres
- Foster healthier, safer, more connected neighbourhoods

### Agenda

Chaired by Mojtaba Moatamedi, Executive Director, New York Univ. London

**2.00-2.25pm Coffee & tea**

**2.25-2.30pm** Welcome and introduction (Mojtaba Moatamedi)

**2.30-2.45pm** Delivering growth with Digital Twin co-creativity (**Philip Challinor**, *Architect*; **Christopher Pain**, *Imperial College London*)

**2.45-3.00pm** Predicting the Unpredictable: AI & Data for Enhanced Climate Resilience (**Daniil Mintc**, *Open Weather*)

**3.00-3.15pm** Wildfires and their impacts on the built environment: Lessons from US, Opportunities for advancing behaviour and risk models by leveraging AI and machine learning (**Philip Cunningham**)

**3.15-3.30pm** Urban Resilience through AI-powered disaster management (**Joris Kohl van Wijngaarden**, *Co-Founder & CTO*, **Sven Kooistra**, *Product Manager Environ. Scientist, MEJOR Technologies B.V.*)

**3.30-3.45pm Break**

**3.45-4.00pm** NVIDIA Modulus-open-source deep-learning framework for physical systems  
(**Niki Loppi**, *NVIDIA*)

**4.00-4.15pm** DIY Greening Prescription for Climate Adaptation in Urban Street (**Prof Prashant Kumar**, *University of Surrey*)

**4.15-4.30pm** Heath co-benefit of net-zero (**Sean Beevers**, *Imperial College London*)

**4.30-4.45pm Round table discussion**

- Community Engagement
- Technical Analysis: Mobility
- Technical Analysis Ecology
- Environmental Impact
- Building Design & Placemaking
- Sustainability

**4.45-5.00pm Closing questions and thoughts for the future**

- How should London councils respond to Government focus on AI driven Planning
- What do you see as the timescales for delivering Phase 1 of the proposed new methodologies
- What do you see as the potential pitfalls in an AI based system
- What as the key benefits if a new AI based system
- What % of costs should be funded by Local/ Central Government/ Developers/ Landowners/ Applicants

**Networking and refreshments** (5.00pm onwards)