

## Tackling Urban Challenges Using Environmental Data Imperial College London

Thursday 26 October 2017

[12:00-17:30]

Time	Session		
12.00 - 12.45	Registration and Lunch		
12.45	Welcome and Introduction - Prof Dan Crisan, Imperial College London		
13.00	Keynote - London Environmental Strategy Daniel Barrett, Lead-Smart Energy, Greater London Authority		
13.30	Q&A		
13.40	<i>Measuring and modelling air quality from space</i> Professor Roland Leigh, EarthSense		
13.55	<i>What is the quality of air quality measurements?</i> Professor Alistair Forbes, NPL		
14:10	Coffee Break		
14.30	<i>Using Catastrophe Models to Inform Extreme Event Resilience</i> Dr Caroline McMullan, AIR WORLDWIDE		
14.45	<i>Monitoring land use changes in the Thames Estuary using Earth Observation for long-term flood risk assessment</i> Dr Jon Blower, Institute for Environmental Analytics		
15.00	<i>Improving the prediction and monitoring of flooding in urban areas.</i> Justin Butler, Ambiental		
15.15	<i>Natural hazard characterisation and impacts on resilience</i> Dr Hugo Winter, EDF		
15.30	Coffee break		
15.45	<b>Parallel session 1</b> Air Quality Chaired by Dr Audrey de Nazelle (Imperial College London)	<b>Parallel session 2</b> Adapting to Climate Change: Extreme Weather Resilience Chaired by Dr Colin Cotter (Imperial College London)	<b>Parallel session 3</b> Adapting to Climate Change: Flooding Chaired by Prof Onno Bokhove (University of Leeds)
17.00	Wrap up and future actions		
17.30	Reception / MPE Exhibition		