



PLEA 2017 EDINBURGH

Design to Thrive

ADAPTING TO CLIMATE CHANGE FORUM

Royal Society of Edinburgh (RSE) Building: Welcome East
July 5th

TIME min

10.00 - 11:00 Adaptation to climate change: urban scale solutions

Chair:			Rajat Gupta		
1	10:00-10:10	10	0598	Marion Bonhomme	Adaptation of cities to climate change: incorporating the knowledge and practices of designers in a design-aid tool
2	10:10-10:20	10	0941	Yupeng Wang	Urban micro-climate change and mitigation solutions evaluation – a case from Xi' an, China
3	10:20-10:30	10	1654	Paula Shinzato	Simulation of microclimatic effects for green infrastructure in the city of São Paulo
4	10:30-10:40	10	0602	Meng Cai	Spatial Analysis on Intra-Urban Temperature Variation under Extreme Hot Weather by Incorporating Urban Planning and Environmental Parameters- A pilot study from Hong Kong
5	10:40-10:50	10	1153	Sophie Parison	The Impact of Different Watering Strategies on the Cooling Effects of Pavement-Watering During Heat-Waves
6	10:50-11:00	10	1186	Farzan Banihashemi	Effectiveness of passive climate adaptation measures in residential buildings in Germany

11.00 - 12:00 Adaptation to climate change: building scale solutions

Chair:			Rajat Gupta		
7	11:00-11:10	10	1443	Abdulquadri Ademakinwa	Building Resilience for Future Climate: An Investigation of Strategies to Improve Thermal Comfort in Residential Buildings in Lagos, Nigeria.
8	11:10-11:20	10	1723	Jonida Murataj	Energy and thermal performance assessment of existing residential buildings: the first step to introducing successful retrofitting strategies in Albania
9	11:20-11:30	10	0039	Oluwatobiloba Ogunrin	Impact of building envelope construction on thermal comfort: a parametric analysis of modern, low income housing in south-west Nigeria for current and future climates
10	11:30-11:40	10	0269	Dania González Couret	Green Roofs in Cuban Housing. Types, Evaluation and Proposals
11	11:40-11:50	10	1456	Diana Waldron	Vertical Farms: Historic Development, Current State and Future Directions
12	11:50-12:00	10	0443	Francisco Javier Novegil	Resilience in Latin America: exploring flooding mitigation in Bogotá (Colombia)

12.30 - 13:30 Adaptation to climate change: innovative methodologies

Chair:			Rajat Gupta		
18	12:30-12:40	10	1433	Aysha Saifudeen	Formulating a methodology to study adaptability in buildings to climate-change: climate-responsive adaptability in Indian conditions
19	12:40-12:50	10	0099	Seyed Masoud Sajjadian	Quantifying the Behaviour of Modern and Traditional Construction Systems on the Basis of Thermal Comfort
20	12:50-13:00	10	0084	I-Ting Lai	Uncertainty and sensitivity analysis of residential cooling energy against future climate in hot-humid Taiwan
21	13:00-13:10	10	0647	Abdusalam Himdan	Correlation between air-conditioning usage and peak demand of electricity from Libyan homes
22	13:10-13:20	10	0342	Carlos Esparza López	Method for definition of climatic classification based on human comfort.
23	13:20-13:25	5	0249	Vaishali Enos	Resilient Urban Edges: Adaptive and Mitigative Design in Chennai
24	13:25-13:30	5	0290	Yu-Teng Weng	Progressive building energy criteria modification in response to future climate change