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## PROGRAMME

### TUESDAY 12<sup>th</sup> December 2017

08:30-09:00 - Registration

09:00-09:30 – Welcome remarks by Prof Dr Rafael Leal-Arcas and introduction of participants

#### **Plenary Session 1**

*Chair Prof Dr Rafael Leal-Arcas*

09:30-10:15 - Plenary Presentation 1 - Climate Change Adaptation in the post-Paris Agreement World: aims of the Symposium (Walter Leal, HAW Hamburg, Germany and Manchester Metropolitan University, UK)

10:15-11:00 - Plenary Presentation 2 - Climate change “conditionality”: the case for bundling the fate of international-trade legal obligations and climate-change-relevant legal obligations (Dr. Eduardo Alvarez Armas, Queen Mary University of London, UK)

11:00-11:30- Break

#### **Plenary Session 2**

*Chair Prof. Walter Leal*

11:30-12:15- Plenary Presentation 3 - The insurers, extreme events and vulnerability of small insurance companies (Dr. Lara Johannsdottir, University of Iceland, Iceland)

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12:15-13:00- Plenary Presentation 4 - Climate Resilience Planning and Organizational Learning on Campuses and Beyond: A Comparative Study of Three Higher Education Institution (Dr. Camille Washington-Ottombre, Smith College, USA)

13:00-14:00- Lunch

**14:00-15:30- Parallel Sessions A**

*Chair Nelson Akondo*

14:00-14:20 - Counting the hot air: Greenhouse Gas (GHG) accounting principles for national GHG emission inventories (NEI) (Ms. Sooksiri Chamsuk, The Institute for Policy Research, University of Bath, UK)

14:20-14:40 - Developing an at-scale 'smart-energy network demonstrator': Tackling climate change mitigation through operations, business engagement, research and education (Dr. Zoe Robinson, Keele University, UK)

14:40-15:00 - Educating students and their future employers to minimise environmental and climate impacts through cost effective environmental management strategies (Kay Emblen-Perry, Worcester Business School, University of Worcester, UK)

15:00-15:20 - Climate Change Education Trends in Canadian Post-Secondary Educational Institutions (PSIs) (Ms. Ana Maria Martinez and Dr. Steven Alsop, York University, Canada)

15:20-15:30 - Discussion

15:30-16:00 - Break

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**14:00-15:30 - Parallel Sessions B**

*Chair Prof Dr Rafael Leal-Arcas*

14:00-14:20 - Mitigating Climate Change through Smart Electricity Grids: The case of Greece & Italy (Mr. Nelson Akondo, Queen Mary University of London, Centre for Commercial Law Studies (CCLS), UK)

14:20-14:40 - Interdisciplinary research on energy efficiency standards: methods, results and communication (Dr. Carl Dalhammar, IIIIEE, Lund University, Sweden)

14:40-15:00 - Improving Knowledge and Practices of Mitigating Climate Change Effects through Waste Recycling in a Community in Ibadan, Nigeria (Dr. Hammed Taiwo Babatunde, University of Ibadan, Nigeria)

15:00-15:20 - Improved Chemistry Solving Methods for Coupled Chemistry-Climate Model Computations (Prof. Emre Esenturk, University of Warwick, University of Cambridge, UK)

15:20-15:30- Discussion

15:30-16:00- Break

**Plenary Session 3**

*Chair Prof. Walter Leal*

16:00-17:00 - Plenary Presentations 5 and Discussion

16:00-16:30- The value of understanding smallholder farmers' contextual vulnerability to climate change and variability (Mrs. Louise Abongu, University of Reading. School of Agriculture, Policy and Development, UK)

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16:30-17:00- Community Action for Biodiversity and Forest Conservation and  
Adaptation to Climate Change in the Wild Coffee Forests (CAFA)  
(Svane Bender-Kaphengst, The Nature and Biodiversity Conservation Union  
(NABU), Ethiopia)

18:00- 19:30- Reception

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## **WEDNESDAY 13<sup>th</sup> December 2017**

### **Plenary Session 4**

*Chair Prof. Walter Leal*

09:00-09:40 – Plenary Presentation 6 - Carbon management planning in UK universities: A journey to low carbon built environment (Dr. Richard Bull, De Montfort University, UK)

### **09:40-09:45- Split into Sessions A and B**

#### **09:45-11:00 - Parallel Session A**

*Chair Dr. Richard Bull*

09:45-10:05 - The Native Worldview on Development: An action Research project in the Peruvian Amazon (Erika Sanger do Amaral and Guillermo Mandelli Constant, Manchester Metropolitan University, UK)

10:05-10:25 - Exergy Based Responsibility Allocation of Climate Change (Mr. Hossein Khajehpour, Sharif University of Technology, Alexander von Humboldt Foundation, Berlin Technical University, Germany)

10:25-10:45 - Climate Change Research and Teaching at Universities: Patterns of Practice and Engagement (Dr Petra Molthan-Hill and Dr Nicholas Worsfold, Nottingham Trent University and Brunel University London, UK)

10:45-11:00 - Discussion

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**09:45-11:00 - Parallel Session B**

*Chair Prof. Kay Emble-Perry*

09:45-10:05 - The attitude of port organizations towards climate change adaptation strategies (Miss Yile He, University of Manitoba, Canada)

10:05-10:25 - Understanding the role of networks in stimulating adaptation actions on the ground: examples from two African case studies (Dr. Lorena Pasquini, University of Cape Town, South Africa)

10:25-10:45 - Climate change adaptation for Russian cities: a case study of the thermal comfort assessment (Dr. Natalia Shartova, Lomonosov Moscow State University, Russian Federation)

10:45-11:00- Discussion

11:00-11:30- Break

**Final Plenary Session 5**

*Chair Prof. Camila Washington-Ottombre*

11:30-11:50 - Behavioural approaches of rural women farmers to mitigation and adaptation measures of climate change in Abia state Nigeria (Dr. Umeh Ogechi Jubilant, Michael Okpara University of Agriculture Umudike, Nigeria)

11:50-12:10 - Geo-web-services and new exchange formats to develop future services supporting climate change adaptation measures (M.Eng. Martin Scheinert, Harz University of Applied Science, Germany)

12:10-12:30 - Climate Change Impacts and Research in the Caribbean: constraints, opportunities and the role of tertiary institutions (Dr. Lisa Benjamin, The Climate Change Initiative/University of the Bahamas, The Bahamas)

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12.30 – 12.50 - Integrated Nutrient Management Can Enhance Capacity of Conservation Agriculture to Mitigate Climate Change in Southern Africa (Prof Isaiah IC Wakindiki, University of Venda, South Africa)

12:50-13:10- Maize yields in varying rainfall regimes and cropping systems across Southern Africa: A modelling assessment (Mr. Siyabusa Mkuhlani, Climate Systems Analysis Group, University of Cape Town, South Africa)

13:10-14:00- Lunch

14:00-14:30- Final Session and hand over of the best paper Awards

14:30- Close of the event

**Posters: to be viewed and discussed over the coffee breaks**

A Whole Institution Approach to Climate Change Mitigation and Adaptation for the University of Edinburgh (Dr. Elizabeth Vander Meer, University of Edinburgh, UK)

The Native Worldview on Development: An action Research project in the Peruvian Amazon (Erika Sanger do Amaral and Guillermo Mandelli Constant, Manchester Metropolitan University, UK)

Assessing the impact of 1.5 and 2 degree warming on crop suitability over West Africa (Temitope S. Egbeyi, Olivier Crespo, Climate System Analysis Group, Environmental and Geographical Science Department, University of Cape Town, South Africa & Visiting Academic Tyndall Center for Climate Change Research, University of East Anglia, Norwich, UK)

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**PRESENTATION NOT CONFIRMED WITHIN THE DEADLINE AND ON A RESERVE  
LIST SUBJECT TO TIME AVAILABILITY**

Use of Dolichos (Lablab Purpureus L.) and Combined Fertilizers enhance Soil Nutrient Availability, and Maize (Zea Mays L.) Yield in Farming Systems of Kabete sub-County, Kenya (Ms. Sitienei Ruth Chemutai, University of Nairobi, Kenya)

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