

BHP Billiton Sustainable Communities/UCL Grand Challenges Symposium Series

Water SDGs and Future Water Management

Day 1 – Tuesday 8th November 2016

12:30 Registration (light lunch available)

13:30 – 15:30 Session 1: Water Supply Scarcities and Resource Interlinkages:

Chair: Tbc

Keynote: Prof Joseph Alcamo, Executive Director of the Center for Environmental Systems Research, Kassel University and formerly Chief Scientist of the United Nations Environment Programme (UNEP)

- Tony Carr, UCL, *'Temporal Variations of Water Productivity in Irrigated Corn: An Analysis of Factors Influencing Yield and Water Use across Central Nebraska'*
- Dr Carole Dalin, NERC Independent Research Fellow, UCL, *'Who is eating up the world's aquifers? Unsustainable irrigation embedded in global food trade.'*
- Luiza C. Campos, UCL, *'Hybrid Wind-Solar Water Desalination in the Aral Sea Basin'*
- Alison Heslin, Visiting Assistant Professor at New York University, *'Water, Agriculture, and Conflict: How Resource Scarcity Influences Collective Action'*

15:30 Coffee break

16:00 – 17:30 Session 2: Water Markets and Modelling

Chair: Dr Alvaro Calzadilla, Senior Lecturer, UCL

Keynote: Prof Thomas W. Hertel, Distinguished Professor of Agricultural Economics, Purdue University

- Dr Martina Flörke, Center for Environmental Systems Research, University of Kassel
- Dr David Adamson, ARC DECRA Fellow, The University of Queensland, *'Optimal Water Reform Strategies: The Lessons from Buy-Back in Australia's Murray-Darling Basin'*
- Prof Truong Phuoc Truong, University of Sydney & Hiroshi Hamasaki, Fujitsu Research Institute, *'CGE Approach to Assess the Impacts of Water Scarcity due to Climate Change in Japan'*
- Mariya Koleva, UCL, *'Managing the Water 'S' – Scarcity towards Security'*

17:30 Water Supply Chain

- Prof Louise Bracken, Executive Director, Institute of Hazard, Risk and Resilience, Durham University

18:00 Wrap up and Introduction to the UCL Water Group

18:15 Networking Reception

Day 2 – Wednesday 9th November 2016

09:30 – 11:30 Water Policies and Outlook on Future Water Management

Chair: Dr Sarah Bell, Senior Lecturer, UCL

Keynote: Prof Lyla Mehta, Professorial Research Fellow, Institute of Development Studies, University of Sussex

- Radies Kusprihanto Purbo, Griffith University, Brisbane, Australia, *'Public Private Partnerships (PPP) in a Multi-level Governance Setting: A study of the Indonesian PPP Program in the Water'*
- Atiyeh Ardakanian, UCL, *'An Outlook for Future Water Management: The Role of Participatory Processes in Decision Making doe Local Multi-use Water Services'*
- Dr Charalampos Triantafyllidis, Imperial College London, *'An integrated, model-based approach to evaluate WASH sector investment options.'*
- Marguerite de Chaisemartin, *'Continental Shelf Aquifers in International Law: (In-between) Law of the Sea, Energy Law and Water Law.'*
- Tobias Reinauer, UCL, *'Systemic eco-innovation related to water'*

11:30 Coffee break

11:50 Stakeholder session: Future Water Management - from Knowledge to Action

Chair: Prof Raimund Bleischwitz, UCL

Keynote: Dr Xavier Leflaive, OECD Environment Directorate

- Henry Leveson-Gower, DEFRA
- Professor Ian Barker, Managing Director, Water Policy International Ltd.
- Rhys Watkins, Exagenica

13:00 Wrap up and close

13:00 Networking lunch