SYMPOSIA I: WATER ISSUES IN CLIMATE CHANGE

April 3–5, 2013
UC San Diego, La Jolla, CA

Organizers:
Henry Abarbanel, Joshua Graff-Zivin, UC San Diego
Juergen Kurths, Potsdam Institute for Climate Impact Research
Brian Hoskins, Grantham Institute for Climate Change

AGENDA

April 3, 2013

10:00AM-12:00 PM  Pre-Symposium Issues Introduction for Students
- Richard Carson, UC San Diego
  *Economics of Water*
- Newsha Ajami, Pacific Institute
  *Climate Change and California's Water Resources*

1:45–3:15 PM  Panel I: Science Topics
- Frank Wechsung, Potsdam Institute for Climate Impact Research
  Adaptation Dilemmas found in Regional Climate Impact Studies for the Water Cycle in Germany and China
- Alexander Gershunov, Scripps Institution of Oceanography/UCSD
  *California Heat Waves and Humidity Under Climate Change*
- Dieter Gerten, Potsdam Institute for Climate Impact Research
  *Water for Food under Global Climate Change: Scarcities and Opportunities*

3:30–5:00 PM  Panel II: Social Science/IR Topics
- Solomon Hsiang, Princeton University and UC Berkeley
  *Social Responses to Extreme Climatic Events*
- Gordon McCord, UC San Diego
  *Implications of Climate Change on Malaria*
- Wolfram Schlenker, UC Berkeley
  *Implications of Climate Change on Agriculture vis-à-vis Changes in Water Availability*
April 4, 2013

PUBLIC SESSION (Weaver Room, Institute of the Americas)

9:00–10:30 AM  Panel I

- Max Auffhammer, UC Berkeley
  *Rainfall and Rice Yields in Asia*

- Ariel Dinar, UC Riverside, Water Science and Policy Center
  *The Intersection of Climate Change, Water, and Transboundary Issues*

- Brian Hoskins, Grantham Institute for Climate Change
  *The Role of Water in Large-scale Climate and Climate Change*

10:45–12:15 PM  Panel II

- Inez Fung, UC Berkeley
  *Plant Water Use and Drought Resilience*

- Newsha Ajami, Pacific Institute
  *Translating Water Science into Effective Public Policy*

- Richard Somerville, Scripps Institution of Oceanography/UCSD
  *Modeling Changes in Precipitation Caused by Climate Change*

12:30–2:00 PM  Lunch and Keynote:

Christine Kehoe, Executive Director, California Plug-in Vehicle Collaborative

2:00–3:30 PM  Panel III

- Jobst Heitzig, Potsdam Institute for Climate Impact Research
  *Bottom-up Formation of a Global Climate Coalition of Farsighted Strategic Players*

- Alan Sweedler, San Diego State University
  *Desalination and the Water-energy Nexus in the Context of Climate Change*

April 5, 2013

9:00–10:45 AM  UCSD-PIK-Grantham Session: Research Foci Going Forward

11:00 AM–12:30 PM  Closing: Next Steps

- Juergen Kurths, Potsdam Institute for Climate Impact Research
  *Where We Go From Here*