

*International Workshop on*

# Climate Change and Its Impact: Risks and Inequalities

*I Hotel and Conference Center, University of Illinois at Urbana-Champaign*

*March 10-11, 2016*

## Organizers

Paolo Gardoni, Colleen Murphy, Robert McKim, Don Wuebbles and Praveen Kumar



## Keynote Speaker (March 10 at 4:00 PM)

Hon. Mary Robinson, President and Chairman of the Board of Trustees of the Mary Robinson Foundation - Climate Justice, former President of Ireland and former UN Special Envoy for Climate Change

## Workshop Sponsors

Department of Civil and Environmental Engineering, College of Liberal Arts and Sciences, College of Law, Illinois International, Women and Gender in Global Perspectives Program (WGPP), and MAE Center: Creating a Multi-hazard Approach to Engineering

*Registration and additional information*

<http://inequalityinitiative.illinois.edu/climatechange>

**MAECENTER**   
Creating a Multi-hazard Approach to Engineering



# Program

## Day 1 March 10, 2016

### 8:00 AM Opening Remarks

**Paolo Gardoni** *University of Illinois at Urbana-Champaign*  
**Andreas Cangellaris** *University of Illinois at Urbana-Champaign*  
**Vikram Amar** *University of Illinois at Urbana-Champaign*

### 8:30 AM Session 1

Speakers **Bruce Ellingwood** *Colorado State University*  
**Naiyu Wang** *University of Oklahoma*  
“The role of climate change on resilience of communities vulnerable to riverine flooding”  
**Shi-Ling Hsu** *Florida State University*  
“Capital transitioning: A human capital strategy for developing climate technologies”  
**Don Wuebbles** *University of Illinois at Urbana-Champaign*  
“Climate Change in the 21<sup>st</sup> century: Looking beyond the Paris Agreement”

Panel Discussion

### 10:45 AM Session 2

Speakers **Diana Liverman** *University of Arizona*  
“Climate change and justice in the American Southwest”  
**Thomas Lovejoy** *United Nations Foundation*  
“A wild solution for climate change”  
**Michael Northcott** *University of Edinburgh*  
“Time, ecology and ethics: Intergenerational responsibility and climate change mitigation”

Panel Discussion

### 1:45 PM Session 3

Speakers **Joshua Sarnoff** *DePaul University*  
“Intellectual Property, inequality and climate change”  
**John Nolt** *University of Tennessee, Knoxville*  
“The relation between carbon emissions and harm”  
**Ross Corotis** *University of Colorado Boulder*  
“Planning for community resilience under climate uncertainty”

Panel Discussion

### 4:00 PM Keynote Lecture

Introduction **Colleen Murphy** *University of Illinois at Urbana-Champaign*  
**Barbara Wilson** *University of Illinois at Urbana-Champaign*  
Speaker **Hon. Mary Robinson** *Mary Robinson Foundation-Climatic Justice*  
“Climate Justice after Paris: opportunities, challenges, and priorities”

## Day 2 March 11, 2016

### 8:30 AM Session 4

Speakers **David Rosowsky** *University of Vermont*  
“Developing a coupled wind-rain model to assess climate change impact on the coastal hurricane hazard for the Northeastern United States”  
**Darrel Moellendorf** *Goethe University Frankfurt*  
“Justice in climate change policy after Paris”  
**Robert B. Olshansky** *University of Illinois at Urbana-Champaign*  
“Recovery after disasters: how adaptation to climate change will occur”

Panel Discussion

### 10:45 AM Session 5

Speakers **Matt Adler** *Duke University*  
“Prioritarianism and climate change”  
**Emmanuel Nuesiri** *University of Illinois at Urbana-Champaign/University of Potsdam, Germany*  
“Climate change governance and democracy: Synergy or dissonance”  
**Eric Freyfogle** *University of Illinois at Urbana-Champaign*  
“The Climate-Change challenge to land boundaries”

Panel Discussion

### 1:15 PM Session 6

Speakers **Eric Salathe** *University of Washington Bothell*  
“Changing flood risk: Extreme precipitation, sea level rise, and inundation”  
**J. Rolf Olsen** *U.S. Army Corps of Engineers*  
“Risk-informed decision making for engineering adaptation to climate change”  
**Cinnamon Piñon Carlarne** *Ohio State University*  
“Disastrous adaptation: Equity at the intersection of climate change adaptation & disaster risk reduction”

Panel Discussion

### 3:15 PM Closing Remarks

Speakers **Robert McKim** *University of Illinois at Urbana-Champaign*  
**Praveen Kumar** *University of Illinois at Urbana-Champaign*

Sessions 1, 3 and 4 will be followed by a coffee break

Sessions 2 and 5 will be followed by a lunch for speakers and paying registrants