



Midwest Institute for International-Intercultural Education

Global Interface of Energy, Water, and Climate Change

August 6-10, 2018

Co-Sponsoring Universities and their International Centers

University of Michigan

(Middle Eastern and North African Studies)

(South Asian Studies)

(Southeast Asia Studies)

(East Asia Studies)

(Latin American and Caribbean Studies)

Michigan State University

(African Studies)

(Asian Studies)

(CASID)

University of Washington

(Southeast Asia Center)

(Center for Global Studies)

University of Illinois

(Russian, East European, and Eurasian Studies)

University of Pennsylvania

(Middle East Center)

University of Wisconsin

(Institute for Regional & International Studies)

Pennsylvania State University

(The Center for Global Studies)

Indiana University

(Russian & East European Institute)

Georgetown University

(Middle East and North Africa)

University of California, Berkeley

(Center for Middle Eastern Studies)

Supporting International Centers

University of Washington (South Asian Studies)

University of Illinois (Latin American & Caribbean Studies, European Union Center)

University of Kansas (East Asian Studies)

University of Pittsburgh (Russian & East European Studies)

American Institute for Indonesian Studies



Monday

8:00-9:00	Registration and Refreshments
9:00-9:30	Welcome and Introductions
9:30-10:40	Internationalizing the Curriculum Fran Kubicek and Theo Sypris, Midwest Institute
10:40-10:55	Refreshments Break
10:55-12:00	Global Energy: Concepts, Issues, and Possibilities Theo Sypris, Midwest Institute
12:00-1:00	Lunch
1:00-2:15	Humans, Water, and Climate: Modeling Water-Energy-Food (WEF) System in Managed Landscapes Yadu Pokhrel, Michigan State University
2:15-2:45	Refreshments Break
2:45-4:00	Water Scarcity and Potential Conflict in the Middle East Mohsen Khani, Siclair CC

Tuesday

9:00-10:15	Political & Legal Issues Concerning Energy, Water, & Climate Change Badrinath Rao, Kettering University
10:15-10:45	Refreshments Break
10:45-12:00	The Dark Underbelly of China's Growth: The Challenges of Energy, Water, and Climate Change Badrinath Rao, Kettering University
12:00-1:00	Lunch
1:00-2:15	Energy Security, Potable Water and the Climate Footprint of India: Issues, Challenges, and Prospects Badrinath Rao, Kettering University
2:15-2:45	Refreshments Break
2:45-4:00	What Policy Initiatives do we Need to Deal with Energy, Water, and Climate Change on a Global Scale? A Dialogue Badrinath Rao, Kettering University



Wednesday

- 9:00-10:15 **How Rivers Work: The Rhine, the Mississippi, and the Nile**
Stewart Gordon, University of Michigan
- 10:15-10:45 Refreshments Break
- 10:45-12:00 **Renewable Energy: Systems of Storage and Prospects for Batteries**
Stewart Gordon, University of Michigan
- 12:00-1:00 Lunch
- 1:00-2:15 **Solar Energy and its Applications**
Kandiah Balachandran, Kalamazoo Valley CC
- 2:15-2:45 Refreshments Break
- 2:45-4:00 **Faculty Working Groups on the Development of Modules**
Fran Kubicek and Theo Sypris, Midwest Institute

Thursday

- 9:00-10:15 **Climate Change: Concepts, Issues, Possibilities, and Uncertainty**
Climate Change and Carbon Sequestration in Alaskan Boreal
Forests
Theo Sypris, Midwest Institute
Matthew Borr, Kalamazoo Valley CC
- 10:15-10:45 Refreshments Break
- 10:45-12:00 **Understanding Climate Change and its Impacts on Water Resources**
Alan Steinman, Grand Valley State University
- 12:00-1:00 Lunch
- 1:00-2:15 **Great Lakes: Challenges and Solutions**
Alan Steinman, Grand Valley State University
- 2:15-2:45 Refreshments Break
- 2:45-4:00 **Sinking Cities: Documenting the Effects of Climate Change and**
Flooding around the World
Marcin Szczepanski, University of Michigan

Friday

- 9:00-10:15 **Reporting on Curriculum Module Development**



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10:15-10:45	Refreshments Break
10:45-12:00	Reporting on Curriculum Module Development
12:00-1:00	Lunch
1:00-2:30	Reporting on Curriculum Module Development
2:30-2:45	Refreshments Break
2:45-3:30	Debriefing and Evaluation