



Advisory Committee for Environmental Research and Education (AC ERE)

NSF Room E2020, 2415 Eisenhower Ave, Alexandria, VA 22314

October 30-31, 2017 Meeting

Agenda

Monday, October 30, 2017

NSF Senior Hosts: Jim Olds (AD BIO) and Kelly Falkner (OH OPP)

- 8:30 – 9:00a Light Refreshments**
- 9:00– 9:30a Welcoming Remarks** Anthony Janetos (AC ERE Chair)
Jim Olds (AD BIO)
- 9:30 – 10:30a AC ERE Business / Sustainable Urban Systems White Paper**
- 10:30 – 10:45a Break**
- 10:45 – Noon Disasters and Economic Competitiveness**
Guest Speaker: Virginia Burkett (US Geological Survey)
Discussion led by Tony Janetos
- Noon – 12:30p Natural Disasters and RAPID Science**
Robin Dillon-Merrill (ENG)
- 12:30 – 1:30p Working Lunch – NSF Advisory Committee Liaison Reports**
- 1:30 – 2:45p Promoting Convergent Research**
Guest Speaker: Dan Stokols (University of California Irvine)
NSF Updates: Leah Nichols (OIA)
Discussion led by Tony Janetos
- 2:45 – 3:00p Break**
- 3:00 – 3:30p International Science and Engineering**
Rebecca Keiser (Office Head, OISE)
- 3:30 – 4:00p NSF Programs**
Innovations at the Nexus of Food, Energy, and Water Systems
Tom Torgersen (GEO)
Dynamics of Coupled Natural Human Systems
Rich Yuretich (GEO)

4:00 – 4:15p Break

4:15 – 5:00p Discussion with Bill Easterling (AD GEO) and Dawn Tilbury (AD ENG)

Tuesday, October 31, 2017

NSF Senior Hosts: Scott Borg (Acting DAD GEO) and Suzi Iacono (OH OIA)

8:30 – 9:00a Light Refreshments

9:00 – 9:45a ERE and the Data Revolution
Chaitan Baru (CISE) & David Corman (CISE)

9:45 – 10:15a NSF Programs
Prediction of and Resilience Against Extreme Events (PREEVENTS)
Eric Itsweire (GEO)
Critical Resilient Interdependent Infrastructure Systems and Processes (CRISP)
Bob O’Conner (SBE)

10:15 – 10:45a Prepare for Discussion with NSF Senior Leadership

10:45 - 11:00a Break

11:00 – Noon Discussion with NSF Office of the Director

Noon – 1:00p Working Lunch

1:00 – 2:00p Planning Discussion: National Security and Economic Competitiveness

2:00 – 2:30p Discuss next steps and wrap up

2:30p Adjourn