



Advisory Committee for Environmental Research and Education

5-6 April 2023 Meeting - All times Eastern Time

Videoconference

Wednesday, April 5, 2023: 11:00 am – 4:30 pm

Thursday, April 6, 2023: 11:00 am – 3:30 pm

Interested parties can register to join via teleconference at:

https://nsf.zoomgov.com/meeting/register/vJltde-qri4oGbHSo1NWUsqk5St4wu_Z4AE

Closed Caption will be available via the zoom platform (same link as above)

Agenda

Wednesday, April 5th, 2023

11:00 - 11:30 am

Welcoming Remarks

Alicia Knoedler, Head, Office of Integrative Activities, NSF

Kimberly L. Jones, Howard University, AC ERE Chair

11:30-11:35 pm

Committee Business

Approval of minutes of September 2022 meeting

11:35 – 12:45 pm

NSF and the Research Community Collaborations to Broaden Institutional Participation in Environmental Research and Education

Moderator: *Kimberly Jones*

Institutional Perspectives:

NSF GRANTED

Kimberly Littlefield, Program Director

American Geophysical Union (AGU)

Raj Pandya, VP Community Science

Association of Public and Land-grant Universities (APLU)

Robin Parent, Associate Vice President, DEI and STEM Education

Wendy Fink, Associate Vice President, Food, Agriculture & Natural Resources and ED, Academic Programs

AC-ERE Framing Questions:

1. How can Emerging Research Institutions build capacity at the institutional level?
2. How do we get feedback on appropriate methods for engagement with Emerging Research Institutions and other institutions?

12:45 – 12:55 pm

Break

12:55 – 2:25 pm

Water Availability and Security: Impacts for Environmental Systems

Moderators: *Andres Clarens* and *Arnoldo Valle-Levinson*

Panel:

AccelNet:GLASSNET: Networking Global to Local Analyses to Inform Sustainable Investments in Land and Water Resources.

Thomas Hertel, Distinguished Professor of Agricultural Economics, Purdue University

SRS-RN: Transforming Rural-Urban Systems: Trajectories for Sustainability in the Intermountain West

Mark Stone, Professor of Civil, Construction, and Environmental Engineering & Director of UNM Resilience Institute, University of New Mexico

Equitable Water Solutions DCL

Douglas Maughan, Office Head, NSF Convergence Accelerator

Panel Discussion

AC-ERE Framing Questions for Discussion

1. Are there pressing topics related to water security and availability currently not emphasized at NSF (solicitations and/or awarded projects)?
2. Is there sufficient focus on linkages between water and other environmental systems (e.g., air, land, climate)?
3. What are your thoughts on the potential for societal impacts from NSF's current portfolio of water-related projects? Should other issues be emphasized along with/instead of?

2:25-2:45 pm

Break

2:45 - 3:30 pm

Preparation for Discussion with NSF Senior Leadership

3:30 - 4:00 pm

Discussion with NSF Office of the Director

4:00 pm

Wrap up

4:30 pm

Adjourn

Thursday, April 6th, 2023

- 11:00 – 11:15 am** **Discussion from Day 1**
- 11:15 – 11:30 am** **NSF Global Centers Solicitation**
Paul Raterron, NSF, Office of International Science and Engineering
- 11:30 – 12:30 pm** **Environmental Equity: Continuing the Discussion**
Moderator: *Kimberly Jones*
Subcommittee Members: *Andres Clarens, Kimberly Jones, Robin Leichenko, Amanda Lynch, Claire Monteleoni*
- Panel:**
Renee Collini, Director, Gulf Center for Equitable Climate Resilience, The Water Institute
Marccus Hendricks, Director of Stormwater Infrastructure Resilience and Justice Laboratory, University of Maryland and Senior Advisor, Council on Environmental Quality
- Discussion**
- 12:30 - 1:00 pm** **Break**
- 1:00 – 2:00 pm** **Minimizing Environmental Impacts of Research**
Moderator: *Benjamin McCall*
Interest Group: *Benjamin McCall, Vicki Grassian, Kimberly Jones*
- Panel:**
Melanie Buser, Asst. Director for Environmental Health, White House OSTP
Benjamin McCall, AC-ERE Member
Kimberly Jones, AC-ERE Chair
- Discussion**
- 2:00 - 2:30 pm** **Liaison Reports**
Rodolfo Torres (MPS)
Cathy Whitlock (GEO)
Robin Leichenko (SBE)
Kimberly Jones (ENG)
- 2:30 – 3:00** **Building a Resilient Planet**
Tim Patten, GEO Deputy Assistant Director
- 3:00 – 3:30** **AC-ERE Discussion Wrap-up**
- 3:30 pm** **Adjourn**