

Biological and Environmental Research Advisory Committee (BERAC) Fall Meeting

October 24-25, 2024

Bethesda North Marriott Hotel & Conference Center
5701 Marinelli Rd, Rockville, MD 20852

In-person meeting

Please visit website for registration if attending remotely:

<https://science.osti.gov/ber/berac/Meetings>

AGENDA

[Eastern Daylight Time]

Thursday, October 24, 2024

- 9:00 – 9:10 Meeting Introductions - Dr. Bruce Hungate, BERAC Chair; Dr. Dorothy Koch, Associate Director
- 9:10 – 9:40 DOE Introductory Remarks – Dr. Harriet Kung, DOE Office of Science, Acting Director
- 9:40 – 11:30 BERAC Roundtable – Dr. Bruce Hungate, BERAC Chair
- 11:30 – 12:00 News from BER – Dr. Dorothy Koch, Associate Director
- 12:00 – 1:15 Lunch
- 1:15 – 1:45 Update on EESSD – Dr. Gary Geernaert, Division Director
- 1:45 - 2:15 Update on BSSD – Dr. Todd Anderson, Division Director
- 2:15 – 2:45 State of Urban Climate Research – Dr. Karen Seto (Yale Univ.)
- 2:45 – 3:00 BREAK
- 3:00 – 4:30 Urban Integrated Field Lab (IFL) Briefs – Dr. Paola Passalacqua (Univ of Texas-Austin), Dr. Cristina Negri (ANL), Dr. Ben Zaitchik (Johns Hopkins Univ.), Dr. David Sailor (Arizona State Univ.) [20min each including discussion]
- 4:30 – 4:50 Workshop Brief: Human Subjects in Energy Technology and Policy Research – Mrs. Libby White (BER)
- 4:50 – 5:30 Discussion – Dr. Bruce Hungate, BERAC Chair
- 5:30 *Adjourn*

Friday, October 25, 2024

- 9:00 – 9:45 BERAC Science Talk: *Supercalifragilistic Advances in Plant Genomics* – Mr. Jeremy Schmutz (HudsonAlpha Institute for Biotechnology)
- 9:45 – 10:05 Workshop Brief: Southeast Land-Atmosphere Interactions – Dr. Beth Drewniak (BER)
- 10:05 – 10:50 A.I. and Climate Research - Dr. Hendrik Hamman (IBM)
- 10:50 – 11:10 BREAK
- 11:10 – 11:30 Workshop Brief: Observing Marine Aerosols and Clouds from Ships – Dr. Shaima Nasiri (BER)
- 11:30 – 12:00 Discussion – Dr. Bruce Hungate, BERAC Chair
- 12:00 – 12:15 Public Comments
- 12:15 *Adjourn*