

Innovations in Climate Resilience

Program at a Glance



MONDAY, MARCH 27					
2:00-8:00 p.m.—Registration Desk Open for Badge Pick-Up (Hyatt Regency Ballroom Foyer, 3rd Floor)					
TUESDAY, MARCH 28			<p>NOTE: Service times (purple highlighted times below) for beverage breaks and lunch may not directly correspond with session breaks. If you wish to attend specific food functions, please plan your schedule accordingly.</p>		
7:00 a.m.-7:00 p.m.—Registration Desk Open					
7:30-8:30 a.m.—Breakfast					
10:00-10:30 a.m.—Morning Beverage Break					
11:45 a.m.-12:45 p.m.—Lunch					
2:15-2:45 p.m.—Afternoon Beverage Break					
9:00 a.m.-6:00 p.m.—TECHNICAL PROGRAM					
TRACK A (Battelle South, GCCC)		TRACK B (Hyatt Regency Grand Ballroom, 3rd Floor)		TRACK C (Hyatt Regency Delaware Room, 2nd Floor)	
9:00 A.M.					
OPENING SESSION (Battelle South, GCCC) Dr. Asmeret Asefaw Berhe (Director, Office of Science, U.S. Department of Energy)					
10:00 A.M.					
SESSION BREAK					
A1. Translation of Climate and Multi-Sector Models into Decision Making		10:15 A.M.		10:15 A.M.	
		10:30 A.M.		10:30 A.M.	
		10:45 A.M.		10:45 A.M.	
		11:00 A.M.		11:00 A.M.	
		11:15 A.M.		11:15 A.M.	
		11:30 A.M.		11:30 A.M.	
11:45 A.M.		11:45 A.M.		11:45 A.M.	
KEYNOTE: Linnea Avallone Chief Officer for Research Facilities, National Science Foundation		KEYNOTE: Tammy Ma Lead, Inertial Fusion Energy Initiative, Lawrence Livermore National Laboratory		KEYNOTE: Sweta Chakraborty Founder, We Don't Have Time	
12:00 P.M.		12:00 P.M.		12:00 P.M.	
12:15 P.M.		12:15 P.M.		12:15 P.M.	
12:30 P.M.		12:30 P.M.		12:30 P.M.	
12:45 P.M.		12:45 P.M.		12:45 P.M.	
1:00 P.M.		1:00 P.M.		1:00 P.M.	
SESSION BREAK		B2. Role of Climate Effects on Emergence of Infectious Disease, Antibiotic Resistant Organisms and Interventions		KEYNOTE: Jessica N. Cross, Ph.D. Research Oceanographer, NOAA	
1:15 P.M.		1:15 P.M.		1:15 P.M.	
1:30 P.M.		1:30 P.M.		1:30 P.M.	
1:45 P.M.		1:45 P.M.		1:45 P.M.	
2:00 P.M.		2:00 P.M.		2:00 P.M.	
2:15 P.M.		2:15 P.M.		2:15 P.M.	
KEYNOTE: Kelly Olson Sustainable Buildings Lead, Department of Defense Climate Action Team, Office of the Deputy Assistant Secretary of Defense for Environment & Energy Resilience (ODASD[E&ER])		SESSION BREAK		PROGRAM SPOTLIGHT: NEON Paula Mabee, Ph.D. Chief Scientist and Observatory Director, National Ecological Observatory Network, Battelle	
2:30 P.M.		2:30 P.M.		2:30 P.M.	
2:45 P.M.		2:45 P.M.		2:45 P.M.	
3:00 P.M.		3:00 P.M.		3:00 P.M.	
KEYNOTE: Amanda Staudt Director, Board on Atmospheric Sciences and Climate (BASC), National Academies of Science		SESSION BREAK		PROGRAM SPOTLIGHT: SUBSEA DATA SYSTEMS Matt Fouch, Ph.D. President and Co-Founder, Subsea Data Systems; Chief Scientist and Co-Founder, Samara/Data	
3:15 P.M.		3:15 P.M.		3:15 P.M.	
SESSION BREAK		SESSION BREAK		SESSION BREAK	
3:30-4:30 P.M. PANEL DISCUSSION—Climate Innovation: Fact or Fiction? (Battelle South, GCCC)					
4:30-6:00 P.M. POSTER PRESENTATIONS & RECEPTION (Battelle North Mezzanine, GCCC)					

WEDNESDAY, MARCH 29

7:00 a.m.-7:00 p.m.—Registration Desk Open

7:00-8:00 a.m.—Breakfast

9:15-9:45 a.m.—Morning Beverage Break

11:45 a.m.-12:45 p.m.—Lunch

2:30-2:45 p.m.—Afternoon Beverage Break

NOTE: Service times (purple highlighted times below) for beverage breaks and lunch may not directly correspond with session breaks. If you wish to attend specific food functions, please plan your schedule accordingly.

8:00 a.m.-7:00 p.m.—TECHNICAL PROGRAM

TRACK A (Battelle South, GCCC)		TRACK B (Hyatt Regency Grand Ballroom, 3rd Floor)		TRACK C (Hyatt Regency Delaware Room, 2nd Floor)		
8:00 A.M.	A3. Geoengineering Approaches to Reduce Uncertainty in Ecological and Security Risks	8:00 A.M.	KEYNOTE: Kel Markert Cloud Geographer, Google	8:00 A.M.		
8:15 A.M.		8:15 A.M.		8:15 A.M.		
8:30 A.M.		8:30 A.M.		8:30 A.M.		
8:45 A.M.		8:45 A.M.		8:45 A.M.		
9:00 A.M.	SESSION BREAK	9:00 A.M.	B3. Improved Modeling Methods for Utility Capacity Expansion	9:00 A.M.	KEYNOTE: Rebecca Pincus Director, Wilson Center, Polar Institute	
9:15 A.M.	KEYNOTE: Erin Sikorsky Director, Center for Climate and Security (CCS), the International Military Council on Climate and Security (IMCCS)	9:15 A.M.		9:15 A.M.		
9:30 A.M.		9:30 A.M.		9:30 A.M.		
9:45 A.M.		9:45 A.M.	SESSION BREAK	9:45 A.M.	SESSION BREAK	
10:00 A.M.	A4. Case Studies that Prioritize Infrastructure Resilience Policies and Actions Based on Consequence	10:00 A.M.	KEYNOTE: Todd Allen, Ph.D. Professor & Chair, University of Michigan	10:00 A.M.	KEYNOTE: Elie Bou-Zeid Professor of Civil & Environmental Engineering, Princeton University	
10:15 A.M.		10:15 A.M.		10:15 A.M.		
10:30 A.M.		10:30 A.M.		10:30 A.M.		
10:45 A.M.		10:45 A.M.		10:45 A.M.		
11:00 A.M.		11:00 A.M.		11:00 A.M.		SESSION BREAK
11:15 A.M.		11:15 A.M.	B4. Transition of High-Emission Products to Low-Emission Products	11:15 A.M.	KEYNOTE: Karen Boyd Senior Manager Carbon Services, Truterra	
11:30 A.M.	11:30 A.M.	11:30 A.M.				
11:45 A.M.	SESSION BREAK	11:45 A.M.		11:45 A.M.		
12:00 P.M.		12:00 P.M.	SESSION BREAK	12:00 P.M.	SESSION BREAK	
12:15 P.M.	KEYNOTE: William Solecki, Ph.D. Professor, City University of New York, Hunter College	12:15 P.M.		12:15 P.M.		
12:30 P.M.		12:30 P.M.		12:30 P.M.		
12:45 P.M.		12:45 P.M.	12:45 P.M.			
1:00 P.M.	A5. Resilience of Infrastructure Systems	1:00 P.M.	B5. Technologies to Enable Circular Economy	1:00 P.M.	KEYNOTE: Brad Ringeisen Executive Director, The Innovative Genomics Institute (IGI)	
1:15 P.M.		1:15 P.M.		1:15 P.M.		
1:30 P.M.		1:30 P.M.		1:30 P.M.		
1:45 P.M.		1:45 P.M.		1:45 P.M.		SESSION BREAK
2:00 P.M.		2:00 P.M.		2:00 P.M.		LIVE DEMO: Downhole Sensors and Wellbore Integrity Monitoring with Legacy Oil and Gas Wells for Managing Greenhouse Gas Emissions
2:15 P.M.		2:15 P.M.	KEYNOTE: Matteo Pasquali A. J. Hartsook Professor of Chemical Engineering, Chemistry, and Materials Science & NanoEngineering, Rice University	2:15 P.M.	SESSION BREAK	
2:30 P.M.	2:30 P.M.	2:30 P.M.				
2:45 P.M.	2:45 P.M.	2:45 P.M.				
3:00 P.M.	SESSION BREAK	3:00 P.M.	SESSION BREAK	3:00 P.M.	KEYNOTE: Mike Kuperberg Executive Director, U.S. Global Change Research Program, OSTP	
3:15 P.M.	KEYNOTE: John Conger President, Conger Strategies and Solutions, LLC	3:15 P.M.	B6. Sustainable and Climate Resilient Food Production and Agriculture (Soil Health, Drought Resistance, Alternative Protein, Controlled Environment Agriculture)	3:15 P.M.		
3:30 P.M.		3:30 P.M.		3:30 P.M.		
3:45 P.M.		3:45 P.M.		3:45 P.M.	SESSION BREAK	
4:00 P.M.		4:00 P.M.	SESSION BREAK	4:00 P.M.	LIVE DEMO: Understanding & Addressing Environmental Justice Issues with CDC's EJ Dashboard	
4:15 P.M.	SESSION BREAK	4:15 P.M.		4:15 P.M.		
4:30-5:30 P.M.	PANEL DISCUSSION—Energy Communities: Repurposing Coal with Nuclear (Battelle South, GCCC)					
5:30-7:00 P.M.	POSTER PRESENTATIONS & RECEPTION (Battelle North Mezzanine, GCCC)					

THURSDAY, MARCH 30

7:00 a.m.-3:15 p.m.—Registration Desk Open

7:00-8:00 a.m.—Breakfast

9:15-9:45 a.m.—AM Beverage Break

11:15 a.m.-12:15 p.m.—Lunch

2:30-3:15 p.m.—Closing Reception

NOTE: Service times (purple highlighted times below) for beverage breaks and lunch may not directly correspond with session breaks. If you wish to attend specific food functions, please plan your schedule accordingly.

8:00 a.m.-7:00 p.m.—TECHNICAL PROGRAM

TRACK A (Battelle South, GCCC)		TRACK B (Hyatt Regency Grand Ballroom, 3rd Floor)		TRACK C (Hyatt Regency Delaware Room, 2nd Floor)	
8:00 A.M.	A6. Innovations in Material and System Design to Enable Adaptation or Hardening	8:00 A.M.	KEYNOTE: Ranveer Chandra Managing Director, Research for Industry, CTO Agri-Food, Microsoft Research	8:00 A.M.	
8:15 A.M.		8:15 A.M.		8:15 A.M.	
8:30 A.M.		8:30 A.M.		8:30 A.M.	
8:45 A.M.	KEYNOTE: Jamie Beck Alexander Director, Drawdown Labs at Project Drawdown	8:45 A.M.	B7. Testbeds to Monitor Ecosystem Health and Response to Disturbances	8:45 A.M.	
9:00 A.M.		9:00 A.M.		9:00 A.M.	
9:15 A.M.		9:15 A.M.		9:15 A.M.	
9:30 A.M.		9:30 A.M.		9:30 A.M.	
9:45 A.M.	SESSION BREAK	9:45 A.M.	SESSION BREAK	9:45 A.M.	
10:00 A.M.	A7. Nature-Based Solutions for Climate Resilient Infrastructure Design	10:00 A.M.	KEYNOTE: Dave Judi Director, Earth Systems Science, Pacific Northwest National Laboratory	10:00 A.M.	
10:15 A.M.		10:15 A.M.		10:15 A.M.	
10:30 A.M.		10:30 A.M.		10:30 A.M.	
10:45 A.M.		10:45 A.M.		10:45 A.M.	
11:00 A.M.	SESSION BREAK	11:00 A.M.	B8. Large-Scale CO ₂ or Greenhouse Gas Capture and Storage	11:00 A.M.	
11:15 A.M.		11:15 A.M.		11:15 A.M.	
11:30 A.M.		11:30 A.M.		11:30 A.M.	
11:45 A.M.	A8. Climate Resilient Infrastructure and Climate Justice	11:45 A.M.		11:45 A.M.	
12:00 P.M.		12:00 P.M.		12:00 P.M.	
12:15 P.M.		12:15 P.M.		12:15 P.M.	
12:30 P.M.		12:30 P.M.		12:30 P.M.	
12:45 P.M.		12:45 P.M.		12:45 P.M.	
1:00 P.M.		1:00 P.M.		1:00 P.M.	
1:15 P.M.		SESSION BREAK		1:15 P.M.	
1:30-2:30 P.M.	PANEL DISCUSSION—Democratization of Climate Tech (Battelle South, GCCC)				
2:30-3:15 P.M.	CLOSING RECEPTION (Hyatt Regency Ballroom Foyer, 3rd Floor)				