

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)					
10:00 A.M. SESSION BREAK					
10:15 A.M.	A1. Translation of Climate and Multi-Sector Models into Decision Making	10:15 A.M.	KEYNOTE: Tammy Ma Lead, Inertial Fusion Energy Initiative, Lawrence Livermore National Laboratory	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.	
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.	KEYNOTE: Linnea Avallone Chief Officer for Research Facilities, National Science Foundation	11:45 A.M.	B1. Environmental Justice Metrics and Strategies to Quantify, Reduce, and Counteract the Effects of Climate Change (e.g., Drought, Flooding, and Movement) and Address the Underlying Health Inequities Created by Climate Change.	11:45 A.M.	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.	SESSION BREAK	12:45 P.M.	B2. Role of Climate Effects on Emergence of Infectious Disease, Antibiotic Resistant Organisms and Interventions	12:45 P.M.	KEYNOTE: Jessica N. Cross, Ph.D. Research Oceanographer, NOAA
1:00 P.M.		1:00 P.M.		1:00 P.M.	
1:15 P.M.		1:15 P.M.		1:15 P.M.	
1:30 P.M.	A2. Geopolitical Impacts of Climate Risk Including Change in Population Centroid Due to Migration and Impact on Supply Chain, Energy and Communication Infrastructure, and Economic Security	1:30 P.M.	KEYNOTE: John Balbus Director, Office of Climate Change and Health Equity, OASH	1:30 P.M.	SESSION BREAK
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.	KEYNOTE: Kathleen White, Ph.D., PE Program Director—Climate Change, Office of the Deputy Assistant Secretary of Defense for Environment and Energy Resilience, United States Department of Defense	2:15 P.M.	SESSION BREAK	2:15 P.M.	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.	KEYNOTE: Amanda Staudt Director, Board on Atmospheric Sciences and Climate (BASC), National Academies of Science	3:00 P.M.	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.	SESSION BREAK	3:15 P.M.		3:15 P.M.	
3:30-4:30 P.M. PANEL DISCUSSION—Climate Innovation: Fact or Fiction? (Battelle South, GCCC)					
4:30-6:00 P.M. POSTER PRESENTATIONS, LIVE DEMOS & 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

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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.	B4. Transition of High-Emission Products to Low-Emission Products	11:00 A.M.	SESSION BREAK
11:15 A.M.	11:15 A.M.	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.		12:00 P.M.	
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.	SESSION BREAK
12:30 P.M.		12:30 P.M.	SESSION BREAK	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.	
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.	KEYNOTE: Matteo Pasquali A. J. Hartsook Professor of Chemical Engineering, Chemistry, and Materials Science & NanoEngineering, Rice University	2:00 P.M.	Live Demo
2:15 P.M.	2:15 P.M.	2:15 P.M.			
2:30 P.M.	2:30 P.M.	2:30 P.M.			
2:45 P.M.		2:45 P.M.		2:45 P.M.	SESSION BREAK
3:00 P.M.	SESSION BREAK	3:00 P.M.	SESSION BREAK	3:00 P.M.	
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.	
4:00 P.M.		4:00 P.M.		4:00 P.M.	
4:15 P.M.	SESSION BREAK	4:15 P.M.	SESSION BREAK	4:15 P.M.	SESSION BREAK
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, LIVE DEMOS & 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: TBD	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.		11:00 A.M.	B8. Large-Scale CO ₂ or Greenhouse Gas Capture and Storage	11:00 A.M.	
11:15 A.M.	SESSION BREAK	11:15 A.M.		11:15 A.M.	
11:30 A.M.		11:30 A.M.		11:30 A.M.	
11:45 A.M.		11:45 A.M.	SESSION BREAK	11:45 A.M.	
12:00 P.M.	A8. Climate Resilient Infrastructure and Climate Justice	12:00 P.M.	KEYNOTE: TBD	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.	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)				