



*Institute for Resilient
Infrastructure Systems*
UNIVERSITY OF GEORGIA



American
Ecological
Engineering
Society

AEES 2025

ECOLOGICAL ENGINEERING DESIGN:
A RETURN TO RESILIENCE

MAY 27 - 30, 2025

ATHENS, GEORGIA

TUESDAY, MAY 27

SCHEDULE

2:00 - 5:00	Curriculum Roundtable, <i>Driftmier Engineering Center Room 1240</i>
5:00 - 7:00	Pre-Conference Social, <i>Creature Comforts</i>

WEDNESDAY, MAY 28

8:20 - 9:00	Registration/Check-In and Breakfast				
9:00 - 9:30	Welcome & Opening Remarks				
9:30 - 10:15	Keynote Speaker: Sara McMillian				
10:15 - 10:30	Break				
10:30	Group Photo				
10:45 - 12:00	Concurrent Technical Sessions				
	Resilience in the Face of Extreme Events <i>Athena A</i>	Circular Bioeconomy and Life Cycle Assessment I <i>Athena B</i>	Ecological Engineering for Water Quality in Agriculture <i>Athena C</i>	Ecological Engineering Education Approaches <i>Athena D</i>	Special Topics: H.T. and E.C. Odum's "A Prosperous Way Down" Panel <i>Athena E</i>
<i>Moderator</i>	Chris Grose	Stephanie Lansing	Jay Martin & Eric Roy	Trisha Moore	Peter May
10:45	Digant Chavda	Dayton Dorman	Laura O'Brien	Randall Etheridge	
11:00	Alysha Helmrich	Maureen Nabulime	Tiffany Chin	Trisha Moore	
11:15	Greg Jennings	Katherine Porterfield	Jay Martin	Joseph Smith	
11:30	Chris Grose	Stephanie Lansing	Nisha Nadkarni	Sara McMillian	
12:00 - 1:00	Lunch				
1:10 - 2:20	Concurrent Technical Sessions				
	Engineering Ethics Panel <i>Athena A</i>	Circular Bioeconomy and Life Cycle Assessment II <i>Athena B</i>	Water Quality and Ecological Monitoring <i>Athena C</i>	Practice-Based Education and Training for Wetland Engineering Panel <i>Athena D</i>	
<i>Moderator</i>	Holly Yaryan Hall	Stephanie Lansing	Tiffany Chin	Tamara Jameson	
1:10		Lauren McPhillips	David Kaplan		
1:30		Kari Lagan	Renee Price		
1:50		Christine Lepine	Jason Evans		
2:25 - 2:45	Break				
2:45 - 5:00	Local Tours and Field Trips, <i>see below for transportation information</i>				
6:00	Dinner and Awards, <i>The Chapel</i>				

FIELD TRIPS *Wednesday, May 28, 3:00 - 5:00*

Whitehall Forest and Dam Removal Site	Meet in front of the Classic Center for bus transportation to your respective field trip. See here for more information on buses.
Lilly Branch Site Tour (required for CED course)	
Athens Land Trust, Williams Farm	
UGA Botanical Gardens	
North Oconee River Greenway	Meet in front of the Classic Center to walk as a group to the Greenway.

THURSDAY, MAY 29

8:00 - 8:30	Registration/Check-In and Breakfast			
8:30 - 9:15	Community Conversations			
9:15 - 9:45	Workforce & Curriculum Development Session			
9:45 - 10:30	Keynote Speaker: Ellen Wohl			
10:30 - 10:45	Break			
10:45 - 12:00	Concurrent Technical Sessions			
	Humans in the Loop <i>Athena A</i>	Ecological Engineering in Coastal Settings I <i>Athena B</i>	Ecological Engineering in Agriculture <i>Athena C</i>	Emerging Contaminants in Constructed Systems <i>Athena D</i>
<i>Moderator</i>	Anand Jayakaran	Matt Bilskie	David Blersch	Jessica Boyer & Md Tariqul Islam Shajib
10:45	Megan Rippy	Levi McKercher	Erin Ebersbach	Ada Camila Montoya
11:00	Anand Jayakaran	Nolan Williams	Sudhir Yadav	Natasha Bell
11:15	Larry Davis	Evan Smyjuna	Medyaf Al Rousan	Abigail Neufarth
11:30	Sofia Solis Naranjo	Rod Lammers	Marina Howarth	Jessica Boyer
11:45	Victoria Rexhausen			Mollah Mohammad
12:00 - 1:15	Lunch, Keynote Speaker: Amy Rosemond			
1:30 - 2:45	Concurrent Technical Sessions			
	Resilient Department of Defense <i>Athena A</i>	Ecological Engineering in Coastal Settings II <i>Athena B</i>	Ecological Engineering in Urban Settings <i>Athena C</i>	Wetland Restoration and Design I <i>Athena D</i>
<i>Moderator</i>	Zak Ruehman	Rod Lammers	Christopher Streb	Daniel McLaughlin
1:30	Dan Coleman	Sean King	Christopher Streb	Pieter De Wolf
1:45	Matt Bilskie	Yiyang Kang	Matt Chambers	Latif Kalin
2:00	Will Mattison	Joshua Robinson	Yufan Zhang	Samantha Taylor
2:15	Zak Ruehman	Mariah Livernois	Vinicius Taguchi	Daniel McLaughlin
2:30		Megan Kramer		
2:45 - 3:00	Break			
3:00 - 4:15	Concurrent Technical Sessions			
	Stormwater I <i>Athena A</i>	Modeling and Monitoring Coastal NI <i>Athena B</i>	Ecological Engineering: Perspectives from Consulting Panel <i>Athena C</i>	Wetland Restoration and Design II <i>Athena D</i>
<i>Moderator</i>	Joseph Smith	Matt Bilskie	Dan Hitchcock	Michael Burchell
3:00	Erin Cartner	Aditya Gupta	Joshua Robinson	Alex Horne
3:20	Joseph Smith	Rebecca Stanley	Christopher Streb	Alexis Jackson
3:40	Thorsten Knappenberger			Robert Thomas
4:15 - 6:15	Poster Session			
6:30	Student Networking Meetup, <i>Paloma Park</i>			

FRIDAY, MAY 30

8:00 - 8:30	Registration/Check-In and Breakfast				
8:30 - 9:45	Concurrent Technical Sessions				
	Stormwater II <i>Athena A</i>	Innovative Algae Management Approaches <i>Athena B</i>	Bill Mitsch Impact on Ecological Engineering <i>Athena C</i>	Stream & Stream Crossing Design <i>Athena D</i>	Participatory Science <i>Athena E</i>
<i>Moderator</i>	Barbara Doll	Mauricio Arias	Bob Nairn	Brian Bledsoe	Andrea Ludwig
8:30	Zhou Guo	Iffat Tasnim	Lauren Griffiths	Daniel Buhr	Michael Burchell
8:45	Barbara Doll	Laura Krueger	Bob Nairn	Debabrata Sahoo	Andrea Ludwig
9:00	Savannah Roth	Mauricio Arias	Kyle Boutin	Kyle McKay	Stewart Diemont
9:15	Joe Berg	Nicholas Chin		Benjamin Bradley	
9:30		Peter May		Kyle McKay	
9:45 - 10:10	Break				
10:10 - 11:25	Concurrent Technical Sessions				
	Nature-based Solutions for River Resilience <i>Athena A</i>	Vegetation in Ecological Engineering <i>Athena B</i>	Planning & Decision Making <i>Athena C</i>	Benefits & Ecosystem Services <i>Athena D</i>	Innovation in Water Treatment Technologies <i>Athena E</i>
<i>Moderator</i>	Matt Chambers	Nathan Jones	Fouad Jaber	David Tilley	Natasha Bell
10:10	Rod Lammers	Andrew Balder	Enrique Orozco Lopez	Eldon Blancher	Liz Riedel
10:25	Matt Chambers	Molly Robles	Mary Szoka	Richard Morris	Ana Martin-Ryals
10:40	Alec Nelson	Kathleen Schoenberger	Osama Tarabih	David Tilley	Sofia Solis Naranjo
10:55	Elissa Yeates	Nathan Jones	Fouad Jaber	Alejandra Gomez	Danielle Delp
11:10	Kyle McKay				Kelly Harris
11:45 - 1:30	Business Meeting Lunch, <i>Athena F</i>				
2:00 - 5:00	CED/AED Workshop, <i>Dodd School of Art</i>				

SATURDAY, MAY 31

8:30 - 12:00	CED/AED Workshop, <i>Dodd School of Art</i>
1:00 - 4:00	Paddle Trip led by Dan Hitchcock, <i>Broad River Outpost</i>

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