

# WATER, WETLANDS, and WATERSHEDS SEMINAR

## Spring 2021

Webinar format for Spring 2021, Wednesdays, 11:45-12:35 PM

Students may register for 1 credit: ENV 6935, SWS 4932 or SWS 6932, and will participate via Zoom.

View livestreams and past recordings: [YouTube channel](#) Schedule: [faculty.eng.ufl.edu/cfw/seminars/](https://faculty.eng.ufl.edu/cfw/seminars/)

Jan 13	<b>Kimberly Van Meter</b> Assistant Professor, Earth and Environmental Sciences, University of Illinois at Chicago & <b>Fred Cheng</b> PhD Candidate, Civil and Environmental Engineering, University of Waterloo, ON	<i>Wetlandscapes: Land-Use legacies and water quality futures</i>
Jan 20	<b>James Morris</b> Distinguished Professor Emeritus, Biological Sciences, Baruch Institute for Marine & Coastal Sciences, University of South Carolina	<i>The responses of coastal marshes to rising sea level and their strange harmonics in 4D- with a twist: it's a symphony</i>
Jan 27	<b>Bregje van Wesenbeeck</b> Senior Researcher/Advisor, Deltares, The Hague, Netherlands	<i>Nature-based solutions for coastal resilience: from science to implementation</i>
Feb 3	<b>Miles Medina</b> Environmental Scientist/Consultant, Wood, Gainesville, FL	<i>Seasonal dynamics of terrestrially sourced nitrogen influenced <i>Karenia brevis</i> blooms off Florida's southern Gulf Coast</i>
Feb 10	<b>Keryn Gedan</b> Assistant Professor, Biology, George Washington University	<i>Ghosts of the coast: Ecological investigations of a mid-Atlantic ghost forest</i>
Feb 17	<b>David W. Johnston</b> Associate Professor, Marine Conservation Ecology, Duke University Marine Laboratory	<i>TBA</i>
Feb 24	<b>Anna Armitage</b> Professor, Department of Marine Biology, Texas A&M University at Galveston, TX	<i>Climate change and coastal ecosystems: Ecological consequences of mangrove expansion into Gulf of Mexico salt marshes</i>
Mar 3	<b>Heida Diefenderfer</b> Restoration Ecologist, Battelle Marine Sciences Laboratory, Pacific Northwest National Laboratory, Sequim, WA	<i>Applying cumulative effects to strategically advance large-scale ecosystem restoration</i>
Mar 10	<b>Leonardo Bertassello</b> Postdoctoral Associate, Environmental Change Initiative, Univ. of Notre Dame, IN	<i>Dynamic spatiotemporal patterns of metapopulation occupancy in wetlandscapes</i>
Mar 17	<b>Sam Zipper</b> Assistant Scientist, Kansas Geological Survey, University of Kansas, Lawrence, KS	<i>No Flow? No Problem! Drivers of flow and long-term change in non-perennial streams</i>
Mar 24	<b>Lauren Koenig</b> Postdoctoral Associate, Natural Resources and the Environment, University of Connecticut	<i>Taking the "pulse" of river ecosystems: from stream reaches to watersheds</i>
Mar 31	<b>Alice Besterman</b> NE CASC Postdoctoral Fellow, Buzzards Bay Coalition, Woodwell Climate Research Center	<i>Buying time – Salt marsh adaptive management to sea level rise using runnels</i>
Apr 7	<b>Samantha Chapman</b> Professor, Department of Biology, Villanova University, Villanova, PA	<i>Warming and mangrove encroachment alter above- and belowground processes with positive implications for surface elevation maintenance: findings from the WETFEET project</i>
Apr 14	<b>Matthew Ross</b> Assistant Professor, Department of Ecosystem Science and Sustainability, Colorado State University, Fort Collins, CO	<i>Using big data, machine learning, and remote sensing to integrate lake and river research</i>