

Tiffany Troxler

Position/Department/Division/Institution/Organization

Associate Professor, Earth and Environment Department, Florida International University

Country

USA

Career history

Dr. Tiffany Troxler is an Associate Professor in the Earth and Environment Department and serves as Director of Science of the Sea Level Solutions Center in the Institute of Environment at Florida International University. From 2011-2013, she served as Program Officer (Wetland Expert) and Visiting Researcher, for the Intergovernmental Panel on Climate Change (IPCC) Task Force on National Greenhouse Gas Inventories Technical Support Unit, based at the Institute for Global Environmental Strategies, Hayama, Japan. Dr. Troxler received her PhD in 2005.

Awards/Publications

Dr. Troxler has authored over 50 publications, served as co-editor and contributing author on two Intergovernmental Panel on Climate Change reports that guide national greenhouse gas inventories, co-authored a National Academies report on Negative Emissions Technologies, and co-edited the recent “A Blue Carbon Primer: The State of Coastal Wetland Carbon Science, Practice and Policy”.

Areas of expertise

Dr. Troxler is an ecologist whose work cuts across science, policy and management of natural and urban environments. In the field, she and her students examine the effects of saltwater inundation on Everglades coastal wetlands, monitor how Everglades ecosystems respond to efforts to restore the Everglades, and advance interdisciplinary nature-based solutions in urban environments. Her areas of expertise include: coastal and freshwater wetland ecosystem dynamics; regional to global environmental change; urban resilience and nature-based infrastructure; interdisciplinary science; conservation, management and restoration of wetland and upland ecosystems; ecosystem carbon assessment GHG inventories