



The **Disciplines 101 Seminars** are online gatherings in which researchers with a wide range of disciplinary expertise take turns teaching each other

about the fundamental concepts, theories, perspectives, tools, and analytical approaches used in their disciplines.

The idea is to spend time getting to know each other's disciplinary languages in the deep way necessary to catalyze transdisciplinary collaboration. We will focus primarily on learning key disciplinary fundamentals (concepts and theories) most relevant to coastal research. However, participants will also highlight research projects and connections to other coastal research, providing the opportunity to think about common foci through different lenses, with emphasis on the time- and spatial-scale aspects of those lenses. These seminars focus on catalyzing new transdisciplinary academic research, but they are intended to be accessible to a broad audience, and community partners are encouraged to join.

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SPRING 2021 SCHEDULE

February 11

11:45 AM - 1:00 PM

"Introduction to Environmental Justice Research"

Kay Jowers (Environmental Policy, Duke University)

"Housing Market Discrimination"

Chris Timmins (Economics, Duke University)

February 25

11:45 AM - 1:00 PM

"Environmental Justice and Local Government in North Carolina"

Danielle Purifoy (Geography, UNC Chapel Hill)

"Environmental Change and Human Migration: Lessons from Honduras, Puerto Rico, and Somalia"

David Griffith (Anthropology, East Carolina University)

March 11

11:45 AM - 1:00 PM

"Climatology and Climate Challenges in North Carolina"

Kathie Dello (State Climatologist, North Carolina State University)

"The Economic Impacts of Climate Hazards"

Miyuki Hino (Planning, UNC Chapel Hill)

March 25

11:45 AM - 1:00 PM

"Modeling Extreme Water Levels"

Rick Luettich (Coastal Engineering, UNC Institute of Marine Sciences)

"Compound Flood Hazards"

Antonia Sebastian (Hydrology, UNC Chapel Hill)

April 8

11:45 AM - 1:00 PM

"Storm Impacts and Development"

Eli Lazarus (Geomorphology, University of Southampton),
Evan Goldstein (Geomorphology, UNC Greensboro)

"The Effects of Development on Multi-decadal Coastal Change"

Katherine Anarde (Coastal Engineering, UNC Chapel Hill/NCSU)

April 22

11:45 AM - 1:00 PM

Discussion with Spring 2021 Disciplines 101
Speakers: *"Facilitating Radically Trans-disciplinary Research in Coastal Science"*