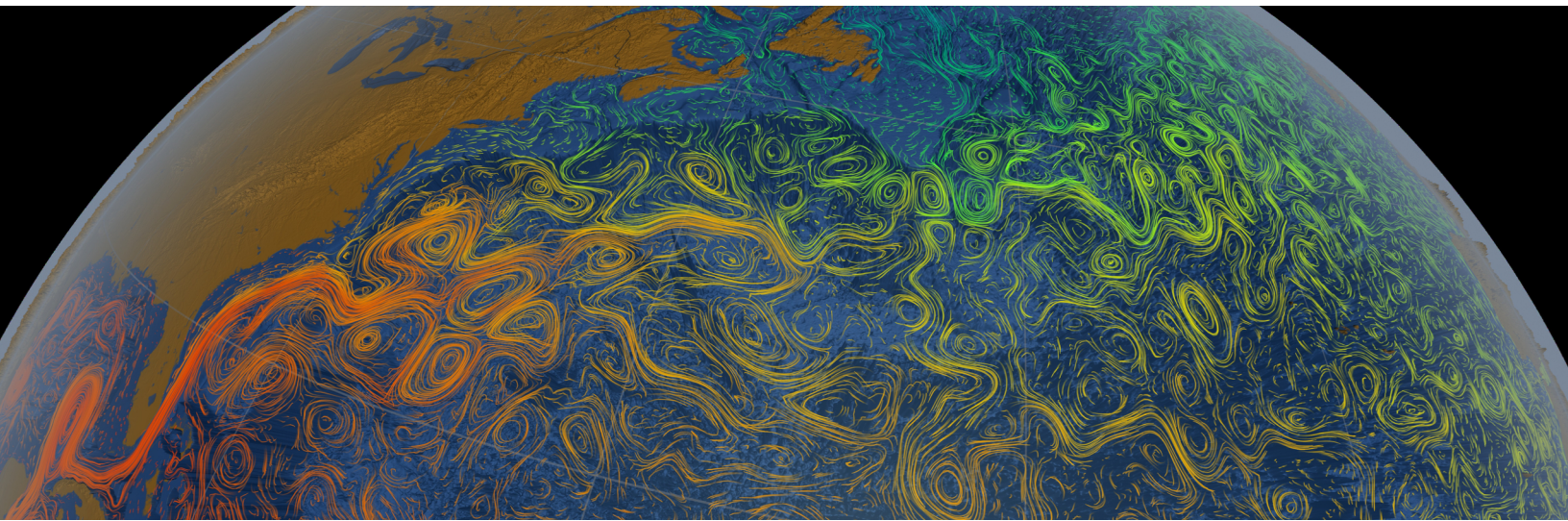


FEBRUARY 22-23, 2020

SURFACE CURRENTS IN THE COUPLED OCEAN-ATMOSPHERE SYSTEM WORKSHOP

La Jolla, California



Ocean surface currents have a profound influence on human and marine life, but are poorly observed. There remain many open questions about how surface currents transport and disperse physical, biological, and chemical properties (e.g., pollutants, sea ice, and nutrients) as well as how they affect air-sea exchanges of momentum, heat and moisture and the related boundary layers. **This workshop will bring together participants with expertise in oceanography (surface currents, boundary layer dynamics, observations, modeling, biological and biogeochemical transport) and related topics (marine ecosystems and fisheries, sea ice, air-sea interaction, coastal flooding, transport of plastics and oil, and ship routing).** The workshop goals include developing plans for improved modeling and observations of surface currents, improving interdisciplinary collaboration, and identifying paths forward to better understanding how currents influence the weather and climate (physical, biological and biogeochemical).

SCIENTIFIC ORGANIZING COMMITTEE

Mark Bourassa, Florida State University (co-chair)
Kyla Drushka, University of Washington (co-chair)
Shane Elipot, University of Miami
Tom Farrar, Woods Hole Oceanographic Institution
Peter Gaube, University of Washington
Sarah Gille, University of California - San Diego
Hyodae Seo, Woods Hole Oceanographic Institution
Mike Stukel, Florida State University
Aneesh Subramanian, University of Colorado

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