

# UConn

UNIVERSITY OF CONNECTICUT

Department of Marine Sciences  
Presents a Seminar by

**Laure Resplandy**  
Princeton University

## **Ocean controls on climate: challenging heat and carbon budgets**

Uncertainties in heat and carbon budgets are in part tied to uncertainties in the magnitude and pattern of natural air-sea fluxes. In this work, we used aircraft observations of atmospheric O<sub>2</sub> and the tight link between heat and carbon in the ocean to constrain the ocean heat and carbon budgets. We identify a systematic bias in existing ocean and river carbon fluxes, and discuss the implications for land carbon sink estimates.

**Host:** Julie Granger

**Time & Date:** 11:00 am, Friday, March 16, 2018

**Place:** Marine Sciences Building, Seminar Room 103

If you are an individual with a disability and need accommodations, please contact 860-405-9152, 860-405-9087, or [marinesciencesseminars@uconn.edu](mailto:marinesciencesseminars@uconn.edu).

For cancelations and additional seminar information, please see <https://marinesciences.uconn.edu/seminar/seminar1183/>.