




Ocean's Carbon and Heat Uptake: Uncertainties and Metrics December 12-14 | San Francisco, CA

This workshop, organized jointly by the Ocean Carbon Uptake and Southern Ocean Working Groups of US CLIVAR and OCB, aims to catalyze progress toward understanding the ocean's role in carbon and heat uptake by strengthening communication and collaboration across traditional disciplinary boundaries to facilitate the exchange of results from recent studies and discuss the most promising directions for future research.

During this workshop, participants will focus on the following topics:

- Oceanic regions critical for heat and carbon uptake (e.g., Southern Ocean, North Atlantic, tropics)
- Processes governing the heat and carbon uptake in these regions and the main challenges of representing these processes in climate models
- Critical observational targets in these regions
- Development of data/model metrics, which will help to improve the models and guide future observational campaigns

	Including a special session sponsored by the WCRP Polar Climate Predictability Initiative on <i>Southern Ocean: Circulation and Carbon Cycle</i> .
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Registration Deadline: September 30, 2014

<https://usclivar.org/meetings/2014-ocean-carbon-workshop>



The workshop is open to interested scientists across observational, process study, and modeling communities. Participants must apply to attend this joint workshop. The number of participants will be limited to 75 scientists, so a brief application and advance registration is required. Notifications will be sent in early October.

