

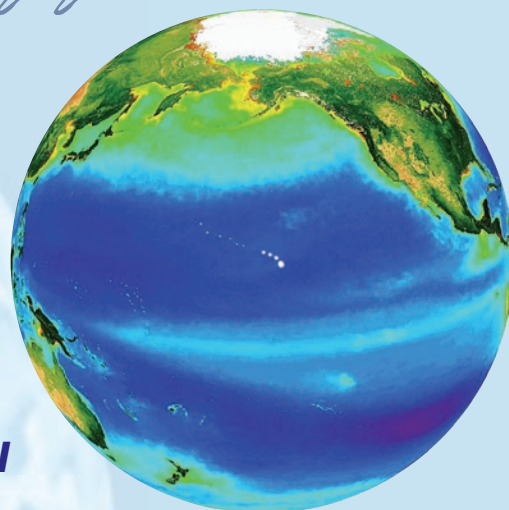
# C•MORE-Agouron Summer Symposia

*A symposium series on microbial oceanography  
presented at the University of Hawai'i*

*linking genomes to biomes*

## Ocean Carbon Sequestration

*Moderated by David Karl*



**SYMPOSIUM 1: Saturday, June 30, 2007**

**8:30 am to 5 pm • East-West Center Asia Room**

*Visit [cmore.soest.hawaii.edu/agouron2007/agouron\\_syllabus.htm](http://cmore.soest.hawaii.edu/agouron2007/agouron_syllabus.htm) for details*

The ocean plays a central role in the global carbon cycle. Nearly one-half of the carbon dioxide fixed each day via photosynthesis is marine-derived, and most of the respiration on our planet occurs in the sea. The ocean is also the main sink and ultimate repository for anthropogenic carbon dioxide—the process known as ocean carbon sequestration. This symposium will present our current views of the ocean carbon cycle with an emphasis on the rates and mechanisms of biologically mediated carbon export from the surface ocean, the so-called biological pump, including discussions of the key control points and the potential for enhanced carbon sequestration by nutrient fertilization of the sea.

The speakers are among the leading world authorities on these topics, so the symposium is guaranteed to be informative and the debates lively. Please come and join us.

**Invited Speakers:** **Ken Johnson** • Monterey Bay Aquarium Research Institute

**Ken Buesseler** • Woods Hole Oceanographic Institution

**Phil Boyd** • University of Otago

**Victor Smetacek** • Alfred Wegener Institute

**Margaret Leinen** • Climos, Inc.

**John Cullen** • Dalhousie University

Lunch will be provided, reception to follow. Space is limited;  
RSVP to **Matthew Church** ([mjchurch@hawaii.edu](mailto:mjchurch@hawaii.edu)) by Tuesday, June 26.

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center for microbial oceanography:  
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