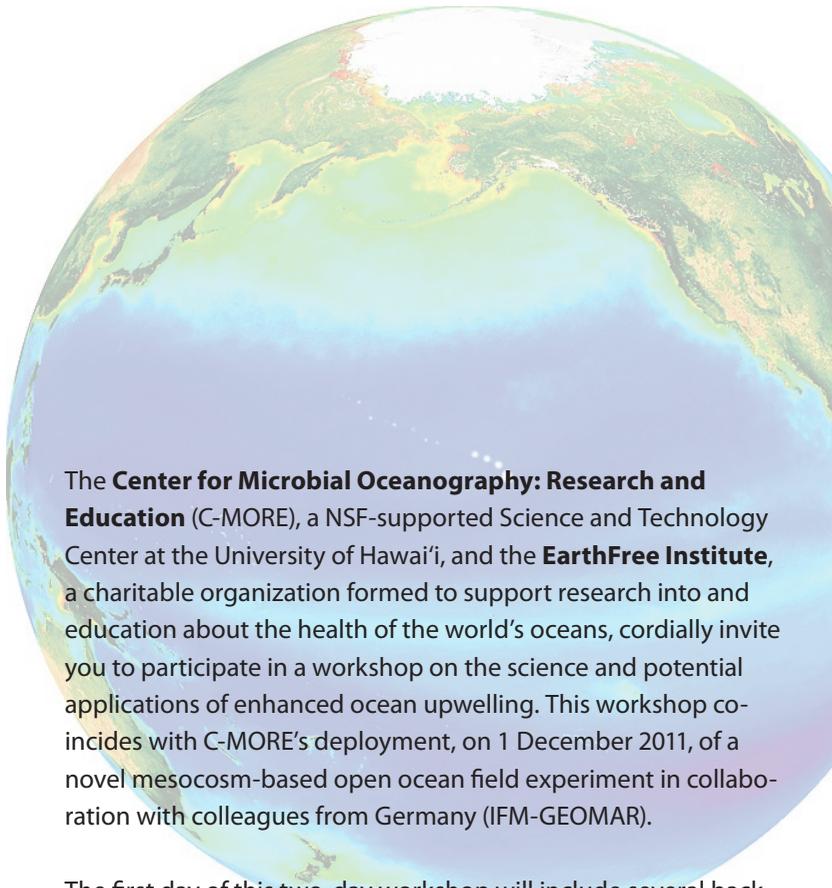


# ENHANCED OCEAN UPWELLING: Science, Engineering and Potential Applications



The **Center for Microbial Oceanography: Research and Education (C-MORE)**, a NSF-supported Science and Technology Center at the University of Hawai'i, and the **EarthFree Institute**, a charitable organization formed to support research into and education about the health of the world's oceans, cordially invite you to participate in a workshop on the science and potential applications of enhanced ocean upwelling. This workshop coincides with C-MORE's deployment, on 1 December 2011, of a novel mesocosm-based open ocean field experiment in collaboration with colleagues from Germany (IFM-GEOMAR).

The first day of this two-day workshop will include several background talks on key science, engineering and economic issues relevant to enhanced upwelling, and reports of representative field projects that have been conducted or are being planned, including modeling studies. Day two will focus mostly on the future. A report summarizing the workshop's recommendations for the next generation of field experiments and for the development of observation networks that will be necessary to detect any unintended consequences of enhanced ocean upwelling will be prepared. There will be ample time for questions, discussion and debate. It should be an enjoyable and thrilling event; we hope you can attend.

Space is limited so please RSVP ([sharons@soest.hawaii.edu](mailto:sharons@soest.hawaii.edu)) by Tuesday 22 November. Workshop updates and agenda available at [cmore.soest.hawaii.edu](http://cmore.soest.hawaii.edu)



**Tuesday 29 November**

**East-West Center  
Asia Room**

8 am coffee; 8:30 am–5 pm (lunch provided)  
5–7 pm reception



**Wednesday 30 November**

**C-MORE Hale  
Gordon and Betty Moore Conference Center**

8 am coffee; 8:30 am–4 pm

