

## Greening the U.S. Academic Fleet: A UNOLS Workshop

**Objective**: An Assessment of Current Technologies, Designs and Practices for Environmentally Sustainable Research Vessels

**Time**: January 10-11, 2012

**Location**: Nicholas School of the Environment, Duke University, Durham, NC

**Composition**: 25-30 invitees, with representation from Council, RVOC, RVTEC, FIC, NSF, Navy, NOAA, architects and naval designers, industry, and marine scientists interested in attending.



**Format**: 1 <sup>1</sup>/<sub>2</sub> day workshop with invited presentations on various aspects of green ships: design, technology, practices

**Funding:** Proposal for support of the workshop funded by NSF and ONR

**Announcement:** UNOLS website and mailing lists, advertisement for workshop in EOS



## LONG TERM GOALS:

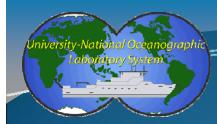
1) Promote environmental sustainability within UNOLS

2) Guidelines for construction, operation and recycling of UNOLS Research Vessels

3) Development of green vessel guidelines for U.S. vessels (outreach)

4) Promote environmental awareness on UNOLS ships with U.S. ocean scientists (outreach)

5) Ocean Class and Regional Class vessel construction



Participants to date: NSF ONR NOAA **Glosten Associates** JMS Naval Architects and Salvage Engineers **Alaris Companies** ARUP **Foss Maritime** Lloyd's Registry **Kluber Lubrication North America** National Marine Facilities Sea Systems; Southampton **Eurofleet Project Royal Caribbean Cruises**