



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 ½ 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