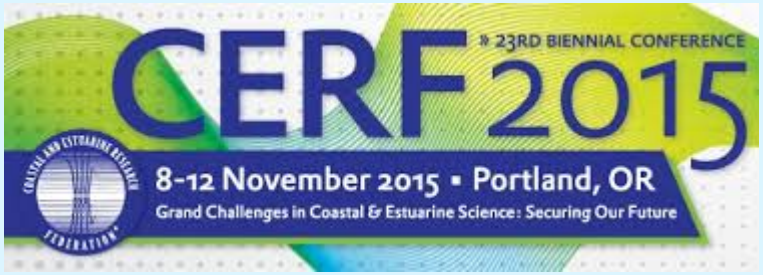


CERF 2015- Coastal and Estuarine Research Federation Biennial Conference
November 8-12, 2015

UNOLS presented:
New Research Vessel Infrastructure for Estuarine and Coastal Sciences with lead convener- Clare Reimers/OSU and co-convener- Jon Alberts/UNOLS, Annette DeSilva/UNOLS and Doug Russell/UW

Greening the UNOLS Academic Fleet
Bruce Corliss/URI/GSO -lead convener

NSF Coring Workshop

- Facilitated by UNOLS- Alice Doyle
- May 28-29, 2015 at NSF

- Focus: Workshop of scientists and technicians to evaluate the state of sediment coring in the UNOLS fleet and to make recommendations to the National Science Foundation (NSF) about the facilities needed to sustain the highest quality science based on ocean sediment cores.

NSF Coring Workshop

Science Driven Assessment of Needs for Marine Sediment Coring Survey 2015-2025

Report of Coring Needs Workshop- National Science Foundation
May 28-29, 2015

Conveners: Jean Lynch-Stieglitz, Georgia Institute of Technology
Lloyd Keigwin,Woods Hole Oceanographic Institution

NSF Coring Workshop - Summary

- Sediment coring supports high impact science in a diverse array of disciplines
- Access to reliable coring systems is essential for addressing a number of critical questions of both scientific and societal importance
- There is widespread community concern that there has been an erosion of sediment coring capability available to the U.S. research community.

Based on the responses to a community survey and discussions during the workshop (May 2015), a ranked list of priorities for coring infrastructure in the coming decades was produced.

1) The ability to deploy short (gravity and multi-core) coring systems from all Global, Ocean and Regional Class vessels

2) The development of a robust and portable Jumbo Piston Coring system that is capable of deployment on all Global and Ocean Class vessels and capable of collecting cores of up to 20 m length over the full range of ocean depths

NSF Coring Workshop - Summary

3) Regaining the capability of collecting cores of up to 45 m length on a large
research vessel

4) Exploration and development of alternative mechanisms for sediment coring and drilling, particularly those that enable the collection of sediments to a depth of 100 m or more below seafloor.

NSF Seismic Workshop
Sept 30 & Oct 1, 2015

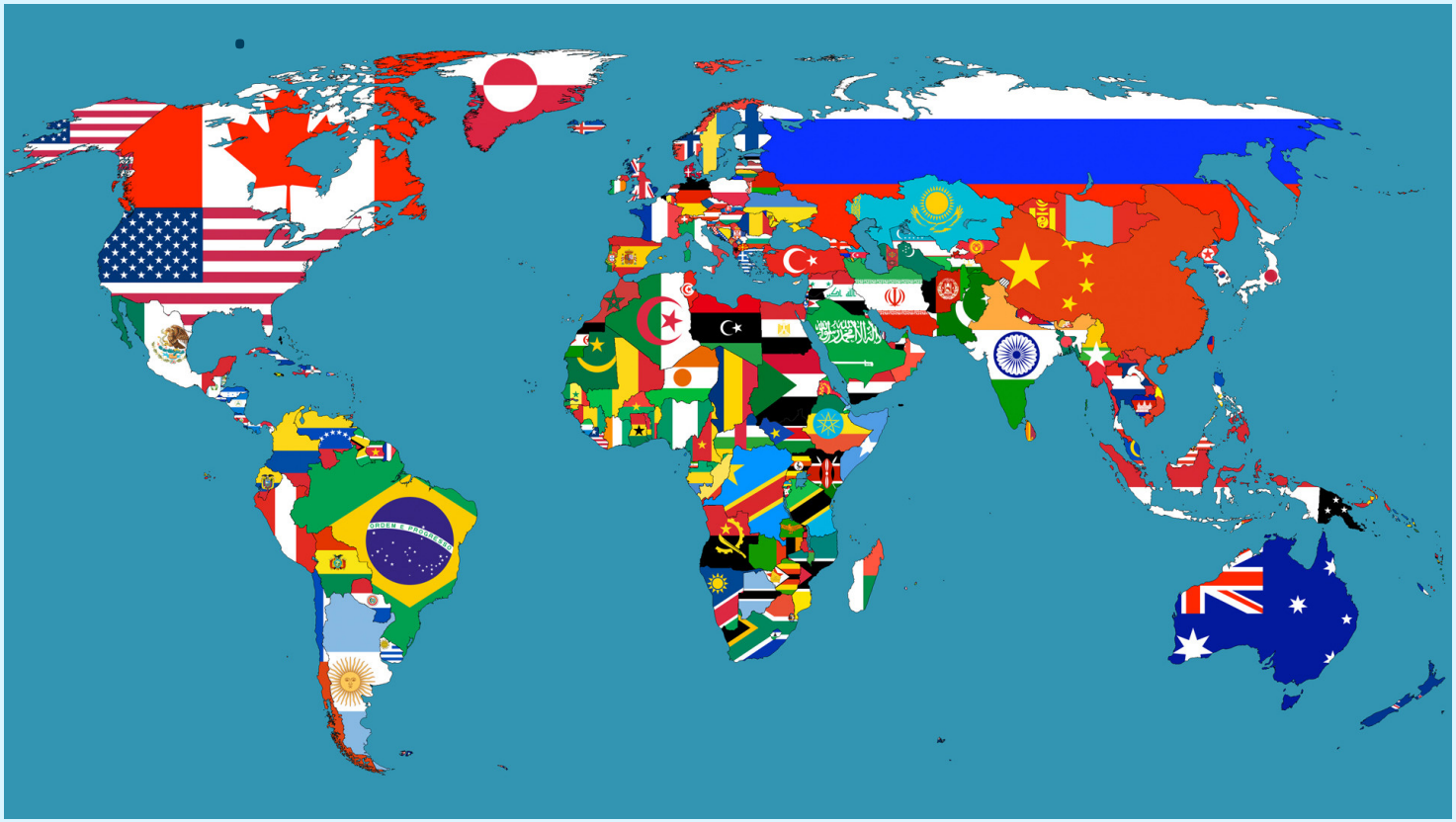
The goal of the proposed UNOLS Marcus Langseth Oversight Committee (MLSOC) community workshop is to solicit guidance from a broad spectrum of users and knowledgeable experts as to what the options are for conducting marine seismic research. Including portable systems.

42 participants from NSF, ONR, MLSOC, Naval Architects, Industry, and US and European Scientists

Written Report to follow

International Research Ship Operators (IRSO) 2015
October 20 to 23, 2015
Host: NOAA/NSF/ONR/UNOLS
Co-Host and Meeting Venue: Scripps Institution of Oceanography

IRSO 2015
16 countries
65 participants



IRSO 2015- Workshop and six main themes

- Polar Operations and Polar Code Workshop
- Delegate Report of Activity
- R/V Builds, Modifications & Performance
- Manning, Safety, and Training
- Scientific Technology
- Legal and Insurance
- Cooperation and Outreach