

GeoPRISMS Miniworkshop: Opportunities to advance GeoPRISMS SCD Studies

Purpose: Get ourselves organized to take advantage of IODP drillship JOIDES Resolution
How can we use the drillship to advance GeoPRISMS Subduction Cycles and
Deformation (SCD) science objectives?

Strategy: 1) Discuss what might be done
2) Self-organize into groups with common interests
3) Groups are encouraged to write proposals for IODP-funded workshops
4) Proposals

Learn more about the new “International Ocean DISCOVERY Program”

- 3-page article in Fall 2012 GeoPRISMS newsletter
 - The JOIDES Resolution is scheduled to end the current IODP program in the western Pacific Ocean. It is the intent of the US program to have the ship remain in the western and southwestern Pacific and Indian Ocean region through FY2016. *Beyond that, the JOIDES Resolution shiptrack will be driven by proposal pressure, with a target of reaching all ocean basins within the decadal program.*
 - To maximize operational efficiencies, the JR will entertain a diverse range of drilling proposals, from the standard multi- week expeditions devoted to focused research initiatives to single sites that can be occupied along ship transits. *Initial submission may be preproposals, which are short (<2700 words) and do not require detailed site-specific documentation.* Following the proposal evaluation panel meeting, feedback will be provided as to whether a full proposal is encouraged, a workshop is recommended, or the preproposal is found unsuitable.
 - **We need to respond to this opportunity & challenge!**
 - Learn more at IODP booth in Exhibit Hall

This Evening's Agenda:

6pm: Introduction (Stern)

SIX IDEAS TO GET THE BALL ROLLING:

5 minute quickies + 10 minutes for discussion

- 1) 6:05-6:20 Terry Plank – **Using the drillship to determine subduction zone inputs**
- 2) 6:20-6:35: Dave Scholl – **Using the drillship to recover the long-term paleoseismic /tsunami history of giant Aleutian, Alaska, Cascadia, and New Zealand megathrust ruptures**
- 3) 6:35-6:50: John Jaegger – **Using the drillship to understand relationships between mountain building, climate, and sedimentation**
- 4) 6:50-7:05: Brian Jicha – **Using the drillship to understand arc magmatic evolution through time by drilling into forearc basement and sampling the tephra record**
- 5) 7:05-7:20: Stern – **Using the drillship to understand the age and origin of the Aleutian Basin what this tells about the early history of the Aleutian Arc**
- 6) 7:20-7:35: Wallace/Saffer: **Hikurangi IODP proposals**
- 7) 7:35-7:50: **Other ideas from workshop attendees: brainstorming** (Gene Yogodzinski)
- 8) 7:50-8:00: Jaegger - **How to propose an IODP workshop**
- 9) 8:00-8:15: **What should be done next?** (Stern)
- 10) 8:15: **Group photo** - Miniworkshop is over

OPTIONAL

8:15-9:30: Informal Gathering of Embryonic Proposal-Planning Groups (optional):

Groups with potential common interests are encouraged to self-organize, collect e-mails, and start the dialogues needed to generate and submit an IODP workshop proposal.

The Integrated Ocean Discovery Program proposal guide primer

How do I start?

write a pre-proposal that 1) addresses one or more of the four major themes of the IODP Science Plan (summarized as Climate, Deep Life, Planetary Dynamics, and Geohazards) and 2) requires scientific ocean drilling. The IODP Science Plan (<http://www.iodp.org/science-plan-for-2013-2023/>) is intended to provide a context for generating proposals.

Pre-proposals should be submitted to IODP-Management International (IODP-MI) (<http://www.iodp.org/drillingproposals/>) at any time, and are reviewed by review committees twice per year. Preliminary proposals are short (up to 2700 words), **generic**, and **will not have any drill site-specific documentation**. They should address questions that are of interest to the global scientific community and be linked to relevant parts of the science plan.

What Happens Next?

Review panels will assess your pre-proposal. You will receive feedback, with contact information for all of the watchdogs involved in the review, as well as the chairs of the review panel, all of whom you can then contact for additional feedback or clarification.

You will receive a decision of whether the panel (1) recommends that you develop a full proposal and/or pursue workshop funding to further develop your idea, and potentially coordinate your efforts with other closely-related proposals, into a comprehensive full proposal, (2) encourages you to submit a revised Preliminary proposal addressing the concerns brought up during review, (3) rejects the pre-proposal.