Ocean Bottom Seismograph Instrument Pool

Brent Evers
Incorporated Research Institutions for Seismology
Agenda

- Overview
- Organization
- People
- Instruments
- Operations
- Data
- How to Propose
OBSIP - Overview

- Funded by National Science Foundation
- Guidance from Oversight Committee
- Managed by IRIS
  - OBSIP Management Office
- Operations and Instruments by IIC’s
  - Lamont, Scripps, Woods Hole
- 253 Instruments
- In 2013, 11 cruises
- In 2014, 12 cruises
- www.obsip.org
OBSIP - Organization

- Oversight Committee
- OBSIP Management Office
- Institutional Instrument Contributors
  - Lamont-Doherty Earth Observatory
    - 60 instruments
  - Scripps Institution of Oceanography
    - 117 instruments
  - Woods Hole Oceanographic Institution
    - 76 instruments
OBSIP – People

- NSF
  - Donna Blackman (Program Director)
- Oversight Committee
  - Richard Allen (Chair)
  - Monica Kohler, Harm Van Avendonk, William Wilcock, Del Bohnenstiehl, Heather Deshon, 1 New - TBD
- OBSIP Management Office (OMO)
  - Brent Evers (Project Manager), Jessica Lodewyk (Data Quality Specialist)
- Institutional Instrument Contributors (IIC’s)
  - LDEO
    - Andrew Barclay (Manager), Jim Gaherty, Maya Tolstoy
  - SIO
    - Jeff Babcock (Manager), John Orcutt
  - WHOI
    - John Collins (Manager), Dan McCorkle, Dan Lizaralde, Jeff McGuire
- Many More!! – Techs, engineers, support staff
OBSIP Instruments

- Long Period (Broadband)
  - 160 instruments
  - Used for passive recording
  - Recording time of 1 year
- Short Period
  - 93 instruments
  - Used for active recording
  - Recording time of months
  - Often used in conjunction with seismic vessel Langseth
OBSIP Operations

- Principal Investigator Experiments
  - Run by a single scientist
  - Scientist has exclusive access to data for two years
- Community Experiments
  - Conceived, designed, and conducted by the community
  - Cascadia Project is first, current project
  - 70 OBS’s
  - Complementary land seismometer component
  - 4 years of operations
  - Data available immediately
OBSIP Data

- Open to any user
- Available at the IRIS Data Management Center
  - http://www.iris.edu/mda/_OBSIP
OBSIP – How to Propose

• Talk to cognizant NSF Program Director
  – Marine GEO, EAR, etc..
• Contact OMO if you:
  – Have questions
  – Have special requests – instrumentation, logistics
  – The sooner the better – things get busy at proposal time
• Make an instrument request
  – Plan your experiment first
  – OMO will provide an informational budget
• Make a ship time request
• Include the informational budget with your proposal to NSF
• Cross fingers
• Be ready to adapt
OBSIP More Information

- [www.obsip.org](http://www.obsip.org)
  - OBSIP Information
    - News
    - Funding Opportunities
    - Webinars
    - How to plan experiments
  - Contacts
  - Past experiment information
  - Instrument details
  - Experiment planning info
    - Instrument request forms
    - Cruise and data evaluations
    - Instrument Use Policies and Procedures
  - Data Information
    - Virtual network info
    - Access methods
OBSIP – Thank you!

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