

Welcome to Woods Hole and IRTI !

InterRidge Office
Woods Hole Oceanographic Institution



Ridge research requires international cooperation

- Most ocean ridges are located in international waters.
- The scientific objectives and interests of researchers transcend national boundaries.
- The scope of ridge science is so large that it can never be covered fully by the resources of any single nation.

Thus ridge research will benefit from, and in many cases, require, international cooperation. The mission of InterRidge is to promote and coordinate multi-disciplinary research of the global mid-ocean ridges.



InterRidge Principal Member Nations

China (2008), France, Germany, Japan, UK, US

Associate Member Nations

Canada**, Korea, India, Norway, Portugal, Spain

Corresponding Member Nations

Australia, Austria, Brazil, Denmark, Iceland, Italy, Mexico, Mauritius, Morocco, New Zealand, Philippine, Russia***, Sweden, South Africa, Switzerland

InterRidge Program Office

Woods Hole Oceanographic Institution (2007-09)

Jian Lin (chair), Chris German (co-chair)

Rhian Waller (coordinator), Kristen Kusek (E&O coordinator)

InterRidge coordinates and promotes ridge science internationally



Working Groups

Design and coordinate international, multi-disciplinary projects (e.g., SW Indian Ridge, Arctic Gakkel Ridge, ocean floor observatories, deep Earth sampling, biogeochemical interactions at deep-sea vents, etc.)

Workshops/Symposiums

Provide forums for in-depth discussion of research results, leading to major innovative new experiments and projects. Encourage young scientists and researchers from developing countries in ridge science.

Policy/Outreach Issues

Develop codes of conduct for responsible ridge research and exploration and protection of deep-sea ecosystems, through working with UN and other international organizations. Enhance public's understanding of ocean sciences.

Communication

Exchange of information on ship opportunities, research results, and data.

IR Student Fellowships (to be proposed)*

Provide IR student fellowships (\$3K each) to facilitate international collaborations (cruise participation, lab work, etc.)

Current Working Groups



- Biogeochemical interactions at deep-sea vents
- Deep Earth sampling
- Monitoring & observatories
- Ultraslow spreading ridges

Proposed New Working Groups

- G1 Evolution of lithosphere - Seafloor weathering & hydrothermal alteration
- G2 Imaging crustal & mantle structure beneath MOR
- G3 Ridge evolution in geological time
- G4 Rift to Ridge: Evolution of the NE Atlantic as influenced by the Iceland hotspot
- G5 Vent ecology
- G6 Seafloor mineralization
- G7 Systematic long-range ridge exploration