

Getting involved in ECORD/IODP

The **ECORD Science Support and Advisory Committee (ESSAC)** is responsible for the planning and co-ordination of Europe's scientific contribution to and participation in IODP. The main purpose of ESSAC is to maximise ECORD's scientific and technological contribution to IODP. ESSAC therefore not only plays a major role within the ECORD science community but is also the contact point with IODP for all scientific activities.

All ECORD member countries are represented on the Committee. Scientists are encouraged to contact their ESSAC Delegate and/or the ESSAC Office - <http://www.essac.ecord.org> - for information about how to participate in IODP.



Exp. 313 New Jersey Shallow Shelf.

ESSAC and IODP

Drilling proposals arising from the scientific community are the essence of IODP. The intellectual contribution of ECORD scientists is of primary importance: they lead up to 32% of the proposals currently being evaluated or scheduled for drilling.



Exp. 339 Mediterranean Outflow.

ESSAC influences the decision making at all stages of the science-planning process in IODP by appointing, after an open call, scientific experts from the ECORD community to the IODP advisory panels.

How to take part in an IODP expedition?

As a contributing member of IODP, ECORD is entitled to berths on every IODP expedition - <http://www.iodp.org/expeditions>. ESSAC invites ECORD scientists to participate in IODP expeditions via an open call for applications. The Committee then evaluates and ranks the applications and assists the Platform Providers from the USA, Japan and ECORD (ESO) in selecting the final expedition science party.

How to get involved in a drilling proposal?

Science proposals of global relevance are welcomed from ECORD scientists. The IODP Science Plan - <http://www.iodp.org/Science-Plan-for-2013-2023> - defines the programme's scientific priorities. Proposal submission guidance can be found at <http://www.iodp.org/drilling-proposals>.

The **ECORD/ICDP MagellanPlus Workshop Series Programme** is designed to support ECORD and ICDP* scientists in

developing new and innovative science proposals for submission to IODP and ICDP. ESSAC issues two calls for MagellanPlus workshops annually. Proposals are evaluated by the MagellanPlus Steering Committee, with the advice of external reviewers where applicable. ESSAC Delegates provide strategic guidance through their representation in the MagellanPlus Scientific Steering Committee - <http://www.ecord.org/magellanplus.html>.



*ICDP: International Continental Scientific Drilling Program

Training and Education opportunities

To help reach out to students and early-career scientists, as well as the science community at large, ECORD offers a number of activities to promote the accomplishments of the programme and to encourage involvement of new communities. ESSAC coordinates these activities by issuing the corresponding calls, selecting the applicants, and advising on educational concepts.

<http://www.essac.ecord.org/index.php?mod=education>



ECORD Urbino Summer School 2012.

- **ECORD Summer Schools**

To further the education of young scientists in marine-related sciences and to train a new generation to participate in ocean-drilling expeditions, ECORD has established a Summer School programme. The thematic topics of the summer schools cover the main research areas of IODP.

- **ECORD Scholarships**

ECORD also sponsors a Scholarship Programme that helps students to participate in the ECORD Summer Schools. Each year ESSAC funds 10 to 15 scholarships annually that allow



ECORD Bremen Summer School 2013.

outstanding young scientists to attend an ECORD Summer School. The programme is open to students of non-ECORD countries to promote wider awareness of scientific ocean drilling.

- **ECORD Research Grants**

ECORD sponsors merit-based awards for outstanding early-career scientists to conduct research related to IODP. The aim of the awards is to encourage young scientists to develop their own project and to learn about ocean drilling.

- **ECORD Distinguished Lecturer Programme**

The Distinguished Lecturer Programme (DLP) is designed to promote the scientific achievements of ocean drilling to a large audience within universities/institutes in ECORD member countries. Every two years, a new series of Distinguished Lectures are offered, which present the main thematic areas of IODP. Any college, university, or non-profit organisation in ECORD member countries and non-ECORD European countries may apply to host a Distinguished Lecturer.

Opportunities for educators

ESSAC promotes the visibility of IODP by conveying the exciting scientific discoveries and the societal relevance of the programme's science to targeted groups including teachers, students and the general public (e.g. through live video conferences, educational videos and other materials).



Teachers aboard the drillship JOIDES Resolution, Exp. 345 Hess Deep.

When possible, ECORD sponsors the participation of teachers in IODP expeditions to provide them with an opportunity to gain seagoing experience and to observe the collection of scientific information that can be translated into useful teaching resources, such as classroom curriculum materials.



Carlota Escutia with students visiting the JOIDES Resolution in Lisbon.

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