200 million years of Earth history are locked in sediments and rocks beneath the world ocean.

Scientific drilling and coring is the only direct approach to investigate these archives and is therefore essential to our understanding of the global Earth system and its societal impacts.

**Our science** investigates the processes that connect the solid Earth ocean, life, climate, and society.

- Climate and ocean change
- Biosphere frontiers
- Earth connections
- Earth in motion

### ECORD implements MSP expeditions

Since 2003, ECORD is one of the three IODP platform providers, and the only one that is able to conduct expeditions in extreme environmental conditions - mission-specific platform (MSP) expeditions.

**ECORD explained in 4 minutes**

We have transformed our understanding of our planet...

[Watch Video](https://youtu.be/QgHky0G0sjM)
Sail on IODP expedition

ECORD invites researchers to sail on IODP expeditions implemented by all platform providers. ECORD invites scientists from ECORD-member countries to participate in all IODP expeditions. Every year around 50 ECORD scientists sail on IODP platforms.

Apply to sail »

https://www.ecord.org/expeditions/apply-to-sail/

Peer-review publications

ECORD scientists produced 43% of total publications related to all ocean drilling programmes, reflecting their outstanding intellectual contribution to IODP science.

The MSP expeditions, which are implemented only since 2004 and represent less than 10% of all IODP expeditions, have generated a significant proportion of the peer-reviewed scientific publications arising from all programmes of scientific ocean drilling.

See ECORD Annual Report 2019 for details »

Writing drilling proposal

ECORD helps scientists to write drilling proposals

MagellanPlus Workshop Series Programme provides a substantial support to ECORD scientists to develop innovative drilling proposals concerning diverse scientific topics. 25 workshops have been organized involving around 1,000 scientists (with 20% of early-career scientists), and 16 drilling proposals were submitted.

ECORD-ICDP MagellanPlus Workshop Series Programme is designed to support ECORD scientists in developing new and innovative science proposals to meet the IODP Science Plan challenges.

This programme is co-funded by ECORD and the International Continental Scientific Drilling Program (ICDP).

See active proposals »

http://www.iodp.org/proposals/active-proposals

ECORD ICDF Workshop Series Programme provides a substantial support to ECORD scientists to develop innovative drilling proposals concerning diverse scientific topics. 25 workshops have been organized involving around 1,000 scientists (with 20% of early-career scientists), and 16 drilling proposals were submitted.

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See active proposals »

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ECORD supports teachers

ECORD offers variety of educational materials for teachers, including core replicas, flyers about IODP expeditions and informational brochures.

Loan a core replica

● show your students how a core from the ocean depths looks like
● teach geology on a real example

ECORD loans six core replicas to universities and educational organisations from ECORD-member countries to aid education and promote IODP science.

The core replicas are loaned for free. Contact: bednarz@cerege.fr

Explore ECORD’s core replicas »

https://www.ecord.org/resources/core-replicas/

ECORD supports scientists

Ocean drilling (DSDP, ODP and IODP) samples are public and can be requested for scientific research.

Get data and samples »

http://www.iodp.org/resources/access-data-and-samples

ECORD scientists can take part in the decision making of the science-planning process in IODP by sitting in IODP panels and committees.

Become a panel member »

https://www.ecord.org/science/get-involved/become-a-panel-member/

ECORD supports students

A major goal of ECORD is to train the next generation of scientists from member countries and promote IODP-motivated science.

ECORD Summer Schools

Initiated in 2007, the ECORD Summer Schools are well-established and are attended annually by many Masters-level and PhD students as well as post-doctoral research fellows from ECORD member countries and beyond.

Read about ECORD Summer Schools in 2019 in ECORD Annual Report 2019 »

ECORD Summer Schools

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Explore ECORD Summer Schools »

https://www.ecord.org/education/summer-schools/

ECORD Scholarships

ECORD Scholarships provide support to outstanding students to attend the ECORD-sponsored summer schools.

Read more »

http://www.iodp.org/resources/access-data-and-samples

ECORD Research Grants

ECORD supports outstanding early-career scientists through the sponsorship of merit-based awards for research using core materials and data from previous DSDP/ODP/IODP expeditions.

Read more »

http://www.iodp.org/resources/access-data-and-samples

www.ecord.org