



Albert Gerdes



Alan Stevenson

ECORD Outreach and Education Activities



Patricia Maruéjol



Jenny Lezius

News from the Outreach team

The Outreach team met in Bremerhaven on August 24-25, 2010 to organise ECORD outreach activities until the end of the year and to discuss outreach prior to the annual IODP Outreach Co-ordination Group (CG) meeting in Tokyo.

In May the ECORD Outreach team were busy organising the ECORD activities at EGU 2010 in Vienna. Alan Stevenson and Albert Gerdes were also busy with outreach activities for the Onshore Science Party of the Great Barrier Reef Environmental Changes Expedition in Bremen ([page 7](#)). The team also participated in the "Naming the Post-2013 Program" brainstorming workshop chaired by Sarah Saunders (Consortium for Ocean Leadership) in Bremen in September. Alan Stevenson, Albert Gerdes and Patricia Maruéjol took part in the IODP Outreach CG meeting chaired by Miyuki Otomo, the new Outreach and Communications Manager at IODP-MI.

Past Conferences and Events

• **EGU 2010, Vienna, Austria:** For the first time, IODP and the International Scientific Continental Drilling Program (ICDP) organised a joint booth at EGU 2010. The large exhibition booth included a model of the L/B *Kayd* (drillship of the New Jersey Shallow Shelf Exp. 313), the most recent issues of ECORD, IODP and ICDP publications and attractive CoreWall demonstrations of ICDP cores. A combined ECORD-ICDP-IODP team were present and welcomed a large number of visitors to the booth. A

joint IODP-ICDP Townhall meeting attracted more than 200 participants and provided brief updates on recent achievements and future scientific drilling projects.

• **EurOcean 2010, Ostend, Belgium:** A joint Deep-Sea and Subseafloor Frontier (DS3F) - ECORD/IODP booth was organised at EurOcean 2010 on September 12-13, 2010 in Ostend. More information about ECORD at EGU 2010 and EurOcean 2010 is available at <http://www.ecord.org/pi/booths.html>

• **ECORD materials** were sent to national events and educational activities in a number of ECORD member countries:

- IODP core replicas were loaned to the Urbino and ECORD-Canada summer schools, Ciencia Viva/Fabrico in Aveiro, Leicester University and Lycée International Valbonne for teaching young scientists and students,
- National IODP flyers were set up for Canada for the *JOIDES Resolution* port-call in Victoria, and Ireland for the Geoscience 2010 Conference in Dublin,
- ECORD materials were distributed during national Earth Science meetings (GeoCanada 2010 in Calgary, Portuguese National Geological Congress, RST in Bordeaux, France, Deep-water circulation in Pontvedra) and at the IODP-STP meeting organised in Geneva by G. Gorin.

ECORD Outreach team: Patricia Maruéjol, EMA, Alan Stevenson and Albert Gerdes, ESO and Jenny Lezius, ESSAC
<http://www.ecord.org/pi/promo.html>

ECORD Summer Schools 2010

Dynamics of Past Climate Changes, September 13-24, 2010, Bremen

What controls past climate changes? How can we assess and explain these changes? And from that, what are the implications for future climate change? To find answers to these important questions, I and nearly thirty other students from all over Europe attended the ECORD Summer School 2010 'Dynamics of Past Climate Changes' in Bremen. The really high-quality lecture sessions were held by some of the world's leading paleoceanographers and climatologists. They gave us a broad but also detailed insight into climate variability on seasonal to tectonic timescales, on possible forcing mechanisms, climate responses, and still open questions. In addition we had the opportunity to present our own research projects and receive valuable feedback from the experts. During the "Virtual Ship" week, practicals and lab turns within the facilities of the IODP core repository provided us with new skills for a variety of shipboard scientific methods needed to assess climate changes in the sediment record. The weekend field trip to the late Quaternary landscapes of Bremen rounded up the well-organised programme.

This summer school was a great experience. Not only did it significantly improve my skills and knowledge but it also gave me the opportunity to meet, exchange and discuss with other motivated young scientists in my field.

I wish to thank ECORD for providing me with financial support and would like to finish my report with an excerpt from a poem of



Students learn how to sample pore water from a sediment core at the ECORD Bremen Summer School 2010 (photo J.-R. Riethdorf).

my fellow summer school attendant Rachel Brackenridge that perfectly sums up the aim and topic of this summer school:

*We conclude after debate that no one model is right,
But that results good and bad can give us insight,
To climate in the future and in the past,
Next Ice Age predictions have been amassed.*

*Jan-Rainer Riethdorf, ECORD Scholarship Awardee 2010,
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