



The IODP-ECORD seen by a science teacher

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Since 2009, European teachers were invited to join these expeditions. That is how I discovered the 'Education & Outreach' program of IODP - ECORD aboard the JOIDES. Such expeditions hosting teachers are most successful in training high quality formation, to keep in touch with oceanographic research and researchers who run it. The 'School of Rock' program is also an important time to build relationships in the European educational community. IODP-ECORD has now a nice network of teachers who become involved in the integration of resources in various high schools.

Expeditions welcoming teachers also allowed the participation of several teachers as Educator Officers. The active participation of these teachers has disseminated Education tools such as on line hands-on, broadcasts from the ship... Every year, since 2010, students, were involved for a ship to shore call with the JOIDES Resolution (visit of the ship, labs, ask to a scientist ...)

Teaching Earth Science in French schools represent 30% of the national standard for Life Earth Science teaching. Many practical activities have been done with support as concrete as possible. Cores Replica from some the JR expeditions complete successfully geological collections of tools available for the classroom. Ten classes have benefited from these cores in international school in Valbonne Sophia Antipolis where I teach.

The experience of recent years as a teacher leads me to the following conclusions:

It is essential to maintain and provide teachers training with the multidisciplinary marine geosciences (biology, geology, physics, chemistry).

It remains essential as maintaining formations with the relationship between scientists and teachers through a better mutual understanding of each other's work. Participation of teachers in scientific expeditions aboard the JR is privileged moments.

We must also focus on the link 'science and society', especially as it involves many themes such as geosciences climate change, natural hazards ...