



SHORT CALL **School of Rock 2010**

Cascadia Cores and CORKS, a Hands-on, Research-based Expedition
for Teachers & Educators based in Europe and Canada
during IODP Expedition 328 (Cascadia Subduction Zone ACORK Observatory)
3 -19 September 2010

Sailing from Victoria, British Columbia
aboard the world-renowned *JOIDES Resolution* drill ship
EXTENDED Application Deadline June 08, 2010

The European Consortium for Ocean Research Drilling (ECORD)
offers you the unique possibility to sail in the framework of the Integrated Ocean Drilling Program (IODP),
an international research program for drilling at sea.

OUTLINE IODP The Integrated Ocean Drilling Program (IODP) is an international marine research program that explores Earth's history and structure recorded in seafloor sediments and rocks, and monitors subseafloor environments. IODP is led by the partnership between The United States of America, Japan, Europe, China, India, Australia, New Zealand and Korea involving over 24 countries that was initiated in 2003. Built on more than 30 years of scientific ocean drilling and related research, the program uses a variety of drill ships to carry out scientific ocean geoscience research. ECORD is the European consortium of 16 countries & Canada. The ECORD Science Support & Advisory Committee (ESSAC) is now offering the unique opportunity for teachers & educators of ECORD countries for participation on the Cascadia CORK Expedition.



OUTLINE SCHOOL OF ROCK 2010 The 2010 School of Rock research expedition is scheduled to begin Saturday, 4 Sept, 2010 aboard the incredible 143 m *JOIDES Resolution* <http://www.joidesresolution.org>, a platform outfitted for state-of-the-art scientific exploration and education. The Cascadia ACORK (Advanced Circulation Obviation Retrofit Kit) expedition is designed to install a new permanent hydrologic observatory at Ocean Drilling Program (ODP) Site 889 <http://iodp.tamu.edu/scienceops/expeditions/cascadia.html>.

During School of Rock research experiences, teachers & educators with Earth and Ocean Science background / interest have daily opportunities to conduct hands-on analyses of sediment and hard-rock cores with scientists and technicians who specialize in IODP research. This year's workshop will focus on how cores and CORKS (<http://www.oceanleadership.org/classroom/corks>) shed light on the hydrology and geology of the Cascadia subduction zone. Topics and investigations may range from the deep biosphere and methane hydrates, to paleoceanography, sedimentology, and biostratigraphy; seafloor spreading, composition and structure of the oceanic crust and methods for sampling the subseafloor environment. The workshop will also provide educators with time to develop and plan new museum or classroom activities based on their new knowledge and research.



APPLICATION PROCESS Because of the short time frame, please send your application *directly to the ESSAC Office* essac.office@awi.de via electronic mail / Fax before **May 20, 2010**. The application form is available at http://www.essac.ecord.org/flyer/ESSAC_SOR_form.pdf, additional required documents (PDF only) are a CV and a letter of recommendation http://www.essac.ecord.org/flyer/ESSAC_letter_of_support_expedition.pdf.

All expenses paid. Continuing education certificates provided.

For further information or questions please contact:

ESSAC Office