

Submarine Paleoseismology

Using giant piston coring within IODP to fill the gap in long-term records of great earthquakes

July 16-18, 2015
ETH Zürich, Switzerland

www.sedimentdynamics.ethz.ch/SubmarinePaleoseismology2015/

Rational and Objectives: 21st century earthquakes demonstrated that our perspective on earthquakes is limited by short historical records. This workshop will bring together experts ranging from marine geologists to seismologists in order to discuss and define a strategy how and where we could best make use of giant piston coring efforts within IODP to make some major advancements in submarine paleoseismology to constrain earthquake recurrence beyond historical times. This aims at developing IODP Proposal 866Full (Japan Trench) and at encouraging discussion of other potential drilling proposals for other areas.

For further information about the submarine paleoseismology research theme and workshop details please visit:

www.sedimentdynamics.ethz.ch/SubmarinePaleoseismology2015/

Registration: To submit expression of interest in participation please pre-register by submitting a brief statement of interest and a short CV by **May 15th** to paleoseismology2015@erdw.ethz.ch. Applicants will be informed of the outcome by end of May.

Convenors:

Michael Strasser, ETH Zürich, Switzerland
Antonio Cattaneo, IFREMER, France
Ken Ikehara, AIST, Japan
Cecilia McHugh, Queens College, City Univ. New York, USA

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