

# 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/](http://www.sedimentdynamics.ethz.ch/SubmarinePaleoseismology2015/)

**Rationale and Objectives:** 21<sup>st</sup> 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/](http://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](mailto:paleoseismology2015@erdw.ethz.ch). Applicants will be informed of the outcome by end of May. International Association of Sedimentologists (IAS) Student Members are invited to apply for an IAS travel grant through the IAS website

### Convenors:

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Antonio Cattaneo, IFREMER, France  
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