

Understanding the slab-derived fluids

Tatsuhiko Kawamoto[1]; Yoshihisa Iio[2]; Hitomi Nakamura[3]; Shigenori Maruyama[4]

[1] Inst. for Geothermal Sciences, Kyoto Univ.; [2] DPRI, Kyoto Univ.; [3] GSJ, AIST; [4] Earth and Planetary Sci., Tokyo Institute of Technology

<http://www.vgs.kyoto-u.ac.jp/InetHome/kawamoto/>

Fluids from subducting slabs trigger earthquakes and low frequency tremors, and return back as springs in fore-arc regions and produce magmas beneath volcanic arcs. Many papers on the role of slab-fluids are presented in various sessions. This interdisciplinary session aims to promote the exchange of latest knowledge on slab-derived fluids and give perspectives to each participant.