

SFWorkshop on Subduction Zone Dynamics and Thermal Structure
(Oct. 4-6, 2002)

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8/1/2001 – 7/31/2002

EAR 01-11459

This workshop addressed some of the major tasks facing the modeling community, including: benchmarking and evaluation of existing numerical approaches, development of strategies to exploit increased computer power and improved numerical techniques, and furthering integration of numerical modeling into experimental and observational studies. The ~30 workshop participants included both those who primarily develop subduction zone thermal models and those whose expertise lies primarily in experimental or observational techniques, but who are interested in subduction zone structure and processes.

Short list of discussion items:

- My favorite subduction zone model (show and tell).
- Is it time for a community subduction zone model?
- Key physical and chemical observations constraining structure and dynamics.
- Connections with ongoing MARGINS work and benchmarks (geobench.org).
- What do observationalists need from modelers (and vice versa)?
- How do we get beyond current state of modeling?
- Proposal for a thermal benchmark for subduction zone models.

The workshop summary, together with a description of the results, electronic materials, and MARGINS newsletter report is available at:

<http://www.geo.lsa.umich.edu/~keken/subduction02.html>

