

Donald D. Harrington Symposium on the Geology of the Aegean—April 28-30, 2008

The **Donald D. Harrington Fellows Program** at the University of Texas at Austin supported the organization of this symposium, which was aimed at educating researchers, students and the general public regarding the role of the Aegean region in understanding Earth history. Elizabeth Catlos, a visiting Harrington Fellow, led the organizational effort. Twenty-six scientists from ten countries and with varying areas of expertise presented their research at this Symposium. The symposium was also attended by numerous students and staff of the University of Texas.

The major themes included: **General Geology of Aegean**, in which the presenters gave overviews of the general tectonics of the Aegean. **Geologic history of parts of the Aegean Region** (*e.g.*, Cyclades, Menderes, Kazdag, Rhodope, Crete, southern Balkans, *etc.*), which included topics from many disciplines including geophysics, geochemistry, structural and tectonic studies, geochronology, petrology, economic geology and sedimentology. **Dynamic tectonic processes within the Aegean**, which covered large-scale plate tectonic extension, strike-slip and compression movements, orogenic collapse, subduction zone processes, seismic activity, volcanism and polymetamorphism. In **Geo-archeological history, natural history and hazards** several talks described links between the geology and archeology in the Aegean region. The session on **Comparisons of the Aegean to the western US** (*e.g.*, the *Basin and Range* province) reported on common structural elements in the Basin and Range and the Aegean, like metamorphic core complexes detachment surfaces and extensional folds, *etc.* A few key observations were that (1) if the present-day subducting plate is actually undergoing slab-roll back, very little is known about the nature of the material that fills in as the slab sinks and (2) many aspects of the subduction and extension in the Aegean region are not perfectly analogous with other subduction zones and back-arc extensional regimes.

Keynote speakers:

Samuele Agostini, CNR - Istituto di Geoscienze e Georisorse ITALY
 Gary Axen, New Mexico Tech USA
 Nikolay G. Bonev, Sofia University BULGARIA
 Mark Brandon, Yale University USA
 Clark Burchfiel, Massachusetts Institute of Technology USA
 Ibrahim Cemen, Oklahoma State University USA
 Elizabeth Catlos, Oklahoma State University USA
 George Davis, University of Arizona USA
 Yildirim Dilek, Miami University Ohio USA
 Barb Dutrow, Louisiana State University USA
 Marnie Forster, Australian National University AUSTRALIA
 Yusuf K. Kadioglu, Ankara University TURKEY
 John Kappelman, University of Texas at Austin USA
 Yaron Katzir, Ben Gurion University of the Negev ISRAEL
 Randy Kelller, University of Oklahoma USA
 Sotiris Kokkalas, University of Patras GREECE
 Gordon Lister, Australian National University AUSTRALIA
 Peter Marchev, Geological Institute of Bulgarian Academy of Sciences BULGARIA
 Victoria Martin, University of Durham UK
 Terry Pavlis, University of Texas El Paso USA
 J. D. A. Piper, University of Liverpool UK
 K. Dejan Prelevic, Mainz Universität GERMANY
 Rob Reilinger, Massachusetts Institute of Technology USA
John Schumacher, University of Bristol UK
 Danny Stockli, University of Kansas USA
 Laura Wallace, Inst. of Geol. and Nuclear Sciences NEW ZEALAND
 Yücel Yilmaz, Kadir Has Universiti TURKEY
 An Yin, University of California Los Angeles USA



Symposium Keynote Speakers and Organizers