



GSA Geophysics Division Newsletter: July 2014

Dear Colleagues:

The 2014 Annual GSA Meeting will be held from October 19-22, 2014, in Vancouver, BC. We would like to remind you of some important deadlines and opportunities.

- The abstract deadline for the annual meeting is 11:59 PM (Pacific Time) on July 29, 2014. Abstracts can be submitted at:
<http://community.geosociety.org/gsa2014/science/sessions>
- Please consider submitting an abstract to the Geophysics-sponsored Woollard technical session “T136. Geophysical Solutions to Geological Problems: Current Research Results and the Annual George P. Woollard Award Presentation.”
- During the Woollard session, we will honor this year’s award recipient, Dr. Joe Kirschvink.
- The Geophysics Division social and business meeting will be held immediately after the Woollard session on Monday afternoon. Our student award recipients, Mr. Justin Cox and Mr. Ross Anderson, will be recognized during the meeting.
- There are also many other interesting sessions being sponsored and co-sponsored by the Geophysics Division, including:
 - T1. The Structure of Faults from Top to Bottom: Implication for Fluid Flow, Ore Deposits, and Seismic Hazard
 - T2. Emplacement of Upper Crustal Magmatic Intrusions: Field Studies of Laccoliths, Sills, and Subvolcanic Plugs
 - T3. Ridge to Trench Evolution of Oceanic Lithosphere and Its Accretion Tectonics in the Pacific Rim (Past and Present)
 - T4. Circum-Arctic Lithosphere-Basin Evolution
 - T5. Tectonic and Magmatic Evolution of the Aleutian Arc in Space and Time
 - T7. Great Earthquakes, the Cascadia Subduction Zone, and Society (Posters)
 - T9. Reconstruction of East Asian Blocks in Pangea
 - T10. Development and Destruction of Accretionary Complexes in Time and Space: Evolving Evidence from Modern Techniques and Structural Analysis of the Rock Record
 - T11. Pan-Pacific Subduction Zone Hazards: Tectonic and Gravitational Effects
 - T12. Contrasting Styles of Phanerozoic Intracontinental Tectonics: North America versus Asia
 - T15. Continental Arcs #1: Tectonopetrologic Processes Controlling Arc Tempos and Evolution
 - T16. Continental Arcs #2: Processes at Arc to Magma Reservoir-Scale and Connections from Magma Source to Volcano
 - T18. Landscape Records of Earthquake Deformation
 - T19. The Geodynamics of Flat-Slab Subduction and Its Influence on Upper Plate Deformation, Magmatism, and Basin Evolution

- T23. Exploring the Development of the Himalayan-Karakorum- Tibet Orogenic System from the Mantle to Mountain Peaks
 - T24. Forearc Basin Tectonics and Sedimentation
 - T25. Megathrusts: 50 Years after the 1964 Great Alaska Earthquake—In Honor of George Plafker
 - T26. Deformation Localization throughout the Crust
 - T28. Reconciling Geodetic/Seismological Estimates and Geological Observations of Permanent Deformation at Subduction Plate Boundaries
 - T29. Geologic Processes That Influence the Tectonic Development and Economic Resources of the Northern North American Cordillera
 - T33. Instrumental, Historical, and Geological Records of Earthquake-Related Deformation along Tectonically Active Coasts
 - T38. Geology of Earthquakes, Faults, and Fault Systems
 - T57. Digital Geology Sandpit
 - T59. A Grand Tour of the World's Most Important Geological Sites on Google Earth
 - T61. Spatial Thinking in Geoscience Teaching, Learning, and Professional Practice
 - T82. Enhancing the Toolkit for Karst Investigations
 - T109. New Research on the Taku and Llewellyn Glaciers, Juneau Icefield, Alaska and British Columbia: Extending a 68 Year Climate Science Legacy
 - T122. Magmatism and Geodynamics within the Cascadia Subduction Zone
 - T136. Geophysical Solutions to Geological Problems: Current Research Results and the Annual George P. Woollard Award Presentation
 - T137. Characterization and Modeling of Explosive Sources
 - T138. Geoscience Investigations of the Polar Regions
 - T140. Magnetic Surveys for Imaging the Geology of Earth and Other Planetary Bodies: A Session Honoring the Legacy of Isidore Zietz
 - T141. Measuring and Modeling Aseismic Transient Slip along Plate Boundaries (Posters)
 - T168. The Interaction of Geophysics, Geochemistry, and Hydrogeology with Ground-Source and Other Geothermal Systems
 - T183. Theory and Experiment in Petrology and Geochemistry: A Session in Honor of Bernard J. Wood, 2014 Roebling Medalist
 - T189. Geothermal Energy, Geothermics, and Tectonics of Western Canada
 - T215. Chikyu Meets Lithoprobe: Can We Connect Modern Arcs and Ancient Continental Crust?
 - T221. Advances in Planetary Geophysical Exploration
 - T229. The Holey Solar System
 - T234. Precambrian Geology of the North American Cordillera: An Exploration of New Developments in Laurentia's Ancient History
 - T237. Carbonate Reservoirs—Characterization, Geochemical Modeling, and Case Studies
 - P4. Great Earthquakes, the Cascadia Subduction Zone, and Society
- The popular “GEOFIZ6” t-shirts will again be available for purchase at the annual meeting, along with the matching stickers. A new BC design will also be available!
 - Dr. Anna Courtier has stepped down as the division vice-chair due to a change in her academic position. We wish her good luck with her new job, and we welcome Dr. Nicholas Schmerr as our new vice-chair.

Best regards,

GSA Geophysics Management Board

Samantha Hansen, Chair

Nicholas Schmerr, Vice-Chair

Richard Saltus, Secretary-Treasurer

Audrey Huerta, Past Chair