

## **Unconventional Ideas and Outrageous Hypotheses A Special Session in Honor of Warren B. Hamilton**

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Inspirational, observation-based challenges to conventional hypotheses in Earth Science, along with a breadth of vision that encompassed the entire planet and all geological time, are the hallmarks of the legacy of life work left to Earth Science by the late Warren B. Hamilton. This session honors that legacy by continuing to encourage the energy, critical work, unfettered thinking and careful, observation-driven intellectual approach with which Warren infused and inspired his students and colleagues. His career included fundamental contributions to the development of the Plate Tectonic theory, the geology of the Western United States, the tectonics of Indonesia, challenges to the mantle plume hypothesis and its application to Venus and Mars, and planetary evolution.

This special session invites papers that present new, challenging models and ideas that survive the test of observational data. These will provide the stimulus for debate and the exploration of new ideas that will underpin discussion sections in the Session. Contributions from all branches of Earth Science are welcomed including, but not restricted to, field geology, geophysics, igneous petrology/geochemistry, plate tectonics, lithospheric deformation, volcanism, the early evolution of Earth and the geology and geodynamics of other bodies in the solar system. We particularly encourage cross-disciplinary studies that seek holistic interpretations of Earth Science data.