

Special Issue on
**Geothermal Fluids and Gases and
Environmental Mitigation Strategy**

WILEY



CALL FOR PAPERS

With growing concern on the consequences of large accumulation CO₂ in the atmosphere from fossil fuel based power plants, countries are crowding around geothermal energy sources for energy, water, food, and environment security. Geothermal energy, from both hydrothermal and EGS sources, is the most reliable, clean energy source that can supply base load electricity and offset part dependence on fossil fuel based electricity. Although hydrothermal systems are site-specific, confined to active volcanic and tectonic regime, EGS, once matured, can support energy supply anywhere on the earth. With advancement made in drilling and hydra fracturing technology, EGS is a promising source of energy for countries to have energy and water security.

This special issue aims at publishing original and review articles from leading scientists in this field related to the evolution of geothermal fluids; water-rock interaction at moderate and elevated temperatures; scaling in wells due to precipitation of minerals; corrosion.

Potential topics include but are not limited to the following:

- ▶ Evolution of low and high enthalpy geothermal fluids
- ▶ Geochemistry of thermal waters and thermal gases
- ▶ Metals in hydrothermal fluids and recovery strategy
- ▶ Geothermal drilling
- ▶ Corrosion and scaling by geothermal fluids
- ▶ Water-rock interaction at elevated temperatures and pressures
- ▶ Mining using liquid CO₂

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/geofluids/gfge/>.

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First Round of Reviews

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