MIT Earth Resources Laboratory

Research Staff Positions – All Levels

The Earth Resources Laboratory (ERL) in the Department of Earth, Atmospheric, and Planetary Sciences at MIT seeks applicants for our research staff in applied geophysics in the areas of energy exploration, carbon sequestration, and reservoir monitoring. Scientists with interests in the multiscale, cross-disciplinary aspects of these problems, including the joint use of passive and active data, rock-fluid interactions, and multiphysics approaches, are especially encouraged to apply. Appointments will be made at both the Postdoctoral Fellow and Research Staff levels.

**Postdoctoral Fellows:** Areas of interest include EM and seismic imaging, computational geophysics, theoretical rock physics, borehole geophysics, geomechanics and surface deformation (GPS/InSAR), and novel applications of elastic wavefield scattering and full waveform analysis. Initial appointment will be for one year, renewable for a second year. Multiple appointments may be made. A PhD in geophysics or related field is required at time of appointment.

**Research Staff:** We seek research leaders in the areas of carbon sequestration, reservoir monitoring, computational geophysics, theoretical rock physics, and subsurface imaging. Candidates having experience working with large field data sets and interacting with the energy industry are preferred. A PhD in geophysics or a related field and a significant research record is required. Level of appointment commensurate with experience.

Interested candidates for all positions should submit a CV, a cover letter describing their research interests, and names of three references. Review of applications will commence immediately. MIT is an equal opportunity employer.

All replies to: ERL Search Committee
c/o Dan Burns
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Electronic submission preferred.