



Geophysics Intern - Summer 2024

Eden is developing Electrical Reservoir Stimulation (ERS), a novel rock fracturing technique for enhancing reservoir permeability and resource recovery. ERS is a safer, more effective, and more efficient method of recovering Earth's natural resources helping us achieve a carbon-free future. Our technology will enable more efficient resource recovery in the geothermal, critical mineral mining, stimulated geologic hydrogen and oil & gas industries.

We are looking for a sharp, motivated and creative geophysicist with an entrepreneurial spirit to join our team and assist in applying our ERS technology in the renewable energy sector, by contributing to the design of geophysical data surveys for Eden's international and domestic projects.

Roles and Responsibilities

- Assist with design of geophysical data collection plan
- Assist with planning for data collection and instrumentation
- Uses best practices and knowledge of internal/external business issues to improve products or services in own discipline
- Research new technologies/techniques emerging in the geothermal industry.
- Organize and maintaining internal databases of existing and new datasets
- Collaborate with interdisciplinary teams to integrate geological insights into geothermal energy projects

Required Qualifications

- PhD in Geophysics
- Strong foundational knowledge of geophysics, familiarity with microseismic, electromagnetic, electrical resistive tomography, controlled source electromagnetic, magnetotellurics and other relevant imaging methods
- Demonstrable experience with design and planning of geophysical surveys and geophysical data acquisition
- Ability to work collaboratively with a senior geophysicist
- Excellent analytical and problem-solving skills with a keen attention to detail.
- Proficiency in MS office suite required
- Knowledge of geological data analysis software, as well as data visualization tools is preferred.