



Senior EM Geophysicist

Do you want to advance the future of electromagnetic technologies? Are you itching to be a part of a cutting-edge technology company and a leader in electromagnetics?

GroundMetrics has a reputation of taking on tough challenges and is growing through rethinking standard approaches and breaking through walls to get the job done!

In this role, you'll serve as the senior technical lead on innovation and core geoscience technology to help ensure our game-changing ideas are leading the industry. You'll conceive, structure, and communicate ideas that advance electromagnetic technologies in the energy industry to win commercial R&D contracts and government grants. You'll take charge of conceptualizing and preparing proposals for new solutions appealing to the energy industry. You'll manage the R&D road map, ensuring technical and practical objectives are met, while delivering on-time and on-budget projects. Because you're versatile, you'll have no problem authoring technical papers, providing technical sales and marketing support, or [presenting at technical conferences](#). Years from now, we'll look back and you'll be a key star who helped transform the business!

What experience will help get you there?

You are innovative and RESOURCEFUL. You have a BIAS TO ACTION and break through walls to get things done. You OWN your desk and embrace responsibility to deliver results. You continuously CREATE VALUE through quality, on-time delivery.

You are a creative and pragmatic problem solver and you have skills to be an effective principle investigator (PI). You've used your advanced degree in geophysics and experience with electromagnetics to master either modeling and inversion processes, instrumentation and field work, or data processing and noise cancellation techniques. You understand the technical atmosphere of the energy industry.

You have a keen ability to hold the big picture while minding the details. You are known for communicating clearly and effectively on the potential, progress, and hurdles of your projects and are a champion of changing priorities. You are comfortable with uncertainty because you know it's a catalyst for true innovation. You thrive on moving and failing fast and aren't afraid of mistakes because you know they are fuel for fast innovation. You have history of being able to manage time, prioritize, and work independently with little direction. You also excel working in and leading dedicated, intelligent, and driven teams.

We are looking for a talented Senior EM Geophysicist who wants to work in a fast-paced, high-tech setting where you can truly make a difference in the company and in the industry. Location of this role is flexible. **If you are the person that will conquer this role, email careers@groundmetrics.com with your resume and references.**

Who are we?

San Diego-based GroundMetrics is an early stage, fast growth company commercializing cutting-edge electromagnetic [sensor system technologies](#) and data analytics for underground exploration and production. We offer advanced underground surveying and imaging technologies, primarily to the oil, gas, geothermal and CO₂ sequestration industries, but the core technology is truly a platform that extends well beyond those industries. Our unique technologies and innovative approaches unlock new applications and markets. www.groundmetrics.com

What we've done!

GroundMetrics has invented and developed the [eQube™](#) – the only onshore low frequency capacitive electric-field sensor (patented); a new borehole casing source method (patented); the [Eos™](#) – the only EM sensor integration with a wireless seismic data recorder (enabling the only real-time, in-field EM quality control system); and the [lmon™](#) – the



most accurate source waveform monitoring system in use. We've applied machine learning techniques in a new way to take full advantage of large, diverse EM datasets (patents pending). Next we plan to invent and implement new EM inversion methods and commercialize new applications such as casing integrity, carbon capture and storage monitoring and more. All of our technologies are grounded in both computational modeling and the large volumes of onshore EM data we acquire ([1 million measurements and counting](#)).

Equal Opportunity Employer

GroundMetrics, Inc. is an equal opportunity employer. GroundMetrics, Inc. does not discriminate in employment on account of race, color, religion, national origin, citizenship status, ancestry, age, sex, sexual orientation, marital status, physical or mental disability, military status or unfavorable discharge from military service (for any applicable states, or based upon sexual orientation, gender identity and or gender expression).