Applied · Geosolutions

SAR Remote Sensing Scientist

Summary:
Applied Geosolutions LLC is looking for an enthusiastic scientist or engineer to lead and support SAR science for environmental applications. Role: Lead technical SAR initiatives and support senior leadership in implementation of radar science and serve as technical lead on integrating radar data into decision support tools and agroforestry applications.

Description:
- Lead the creation and application of physics-based retrieval algorithms, Interferometry, and development of scattering models for agricultural and forest mapping applications
- Oversee project tasks and creation of deliverables with clients and senior leadership
- Technical implementation of work flow in Decision support tools for government agencies, end users, and industry
- Lead and support grants, contracts, and growth in geospatial products and services

Technical requirements:
- Advanced degree in electrical engineering, geoscience or remote sensing or related field
- Technical skills with radar remote sensing
- Background in electrical engineering or computer science
- Understanding of SAR theory and applied electromagnetics
- Experience with some combination of Python, C++, ISCE, GAMMA, PolSARPro
- Experience in a Linux environment
- Experience with data analysis and mathematical modeling

Preferred Qualifications
- Three plus years post graduate work experience
- Experience leading research grants preferred, and developing applications independently, as well as within a team
- Some experience in geospatial data handling, GIS, and BigData useful
- Some background in natural science or geography helpful
- Experience and excellence as a team player with strong proactive communication skills
- Experience in a business setting or for commercial applications of technology

Contact
Send resume or CV and cover letter describing your interest in the position to: jobs@appliedgeosolutions.com

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