



Research Scientist
Gridding and Granulation Algorithms for Suomi
NPP/JPSS Land Algorithms
NOAA/NESDIS/STAR
College Park, MD

I.M. Systems Group, Inc. (IMSG) (www.imsg.com), a science and technical company supporting U.S. Federal Government, located in Rockville, Maryland is currently seeking to hire a Support Scientist to join our team efforts to support NOAA/NESDIS/Center for Satellite Applications Research (STAR). IMSG supports STAR in applied science research and development efforts in a semi-research and semi-operational working environment along with U.S. government scientists, visiting scientists, and other contractors. This task is to support the evaluation and update of gridding and granulation algorithms for Suomi NPP/JPSS land algorithms.

General Requirements/Duties:

This position provides support to serve two primary objectives: 1. evaluate the IDPS gridding granulation scheme and develop simplification approaches; and 2. develop a common gridding and compositing scheme to be used by applicable land products for Suomi NPP Data Exploitation (NDE) and NOAA Enterprise algorithms, facilitating ingest for NOAA Numerical Weather Prediction and other key applications. Major activities include Algorithm Development and Improvement, Algorithm and Product Evaluation and Maintenance.

Qualifications:

- PhD or equivalent experience in environmental remote sensing as it pertains to land surface properties
- Familiar with techniques for gridding, granulating and compositing satellite-based measurements and retrieved geophysical variables
- Knowledge and experience in advanced scientific programming and numerical analyses
- Expertise in understanding satellite data formats, their sources, and access protocols.
- Sound oral and written communication skills
- Proven ability to work well in a team environment
- Demonstrated coding experience in C, C++, Fortran and IDL programming languages.

To Apply:

Please submit your resume, the contact information for three (3) references, and a cover letter explaining how your qualifications meet the requirements of the position to jobs@imsg.com with the following subject line: **NOA1528-Land Gridding-Research Scientist**. Your application will not be considered unless it is sent to the above mentioned email. Please include information regarding your current U.S. citizenship or current visa status.

IMSG offers an outstanding benefits package including company paid medical benefits and three weeks paid time off. Please indicate your timeline of availability and preferred salary level for consideration.

IMSG is an Equal Opportunity Employer and Veteran friendly.