



**Support Scientist/Scientific Analyst
NOAA/NESDIS/STAR
Camp Springs, MD**

I.M. Systems Group, Inc. (IMSG) (www.imsg.com) is looking for highly motivated individuals to join our team efforts to support NOAA/NESDIS/Center for Satellite Applications Research (STAR). IMSG is currently seeking to hire a Support Scientist/Scientific Analyst (climate data record from Ozone Mapping and Profiler Suite) to work at the NOAA/NESDIS STAR office in Camp Springs, MD.

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. There are a number of openings to provide multi-year scientific and technical support to STAR, located in Camp Springs, Maryland, and Silver Spring, Maryland, in applied science research and development for critical, current, and future (such as GOES-R, NPOESS, etc.) national meteorological geostationary and polar-orbiting satellite programs. Ideal candidates possess advanced degrees in physical sciences, remote sensing, astronomy, physics, mathematics, and computer science, etc., and/or have sophisticated programming skills in IDL/Matlab, C/C++ or Fortran. Experience in relevant fields is generally required.

Duties:

- Support lead NOAA/NESDIS scientists in developing the methodology, algorithm theoretical basis, and validation for accurate satellite ozone products to meet the challenging requirements of global climate change monitoring and numerical weather prediction.
- Analyze satellite instrument performance and calibration data, and evaluate their effects on satellite products.
- Implement existing algorithms to process/reprocess long term data record into climate quality dataset.
- Support validation and monitoring for satellite-based ozone records.
- Disseminate results to the scientific and user community through publications and conferences.

Requirements:

- MS, or Ph.D. degree in physical science or engineering, such as physics, astronomy, electrical/electronic engineering, and earth sciences.
- Strong physics, mathematics, and statistics background is desired,
- Skills in satellite remote sensing data processing and analysis,
- Excellent communication including writing and presentation skills is a major plus,
- Software skills in IDL and C/Fortran,
- U. S. citizenship or permanent residency is required

To Apply:

Please send your resume, contact information for three (3) references and a cover letter explaining how your qualifications meet the requirements of the position to jobs@imsg.com and CC: Dr. Le Jiang, (jiangl@imsg.com). Please include the following subject heading: **NCS T140-T n01: Support Scientist/Scientific Analyst.**