



## **Support Scientist: Testbed Meteorologist- Hydrometeorological Testbed**

*NOAA/NCEP, College Park, MD*

I.M. Systems Group, Inc. (IMSG), [www.imsig.com](http://www.imsig.com)<<http://www.imsig.com>>, a Federal Government Contractor is seeking to fill a position supporting the Weather Prediction Center (WPC) of the National Centers for Environmental Prediction (NCEP). The contractor will serve as a Testbed Meteorologist in NOAA Hydrometeorological Testbed at the WPC (NOAA HMT-WPC). In this capacity the incumbent will work with scientists within NOAA and partners outside of NOAA to identify and evaluate promising techniques for improved weather forecasts, work with WPC meteorologists to enhance the transition of research to operations, and assist in the training of WPC staff in new techniques and tools. The incumbent will also work with other HMT-WPC staff to publish results from studies in peer-reviewed journals.

Areas of particular need and interest to be addressed include the forecasting of heavy precipitation associated with land-falling tropical cyclones, warm-season convection, winter storms, and atmospheric rivers. Additional areas of focus include the use of ensemble model output and forecaster generation of probabilistic products, as well as exploring future roles of weather forecasters.

*Specific activities may include but are not limited to:*

- Collaborate with partners in the NOAA HMT to develop transition research performed elsewhere within the NOAA HMT into operations at WPC and other NOAA offices.
- Plan and execute pseudo-operational summer and winter experiments.
- Develop training materials to transition new tools and techniques into operations.

Qualifications:

Required/Desirable Knowledge or Skills Set:

- BS or advanced degree in meteorology, hydrology or related earth science fields (MS or above preferred)
- Extensive knowledge of weather forecasting, especially quantitative precipitation forecasting
- Good knowledge on statistics and strong analytical skills
- Good computer skills in windows and Linux/Unix environment
- Good communications skills in English, team player
- Desirable to have peer-reviewed publications

To Apply:

Please submit your resume, the contact information for three (3) references, your salary requirements and a cover letter explaining how your qualifications meet the requirements of the position to [jobs@imsig.com](mailto:jobs@imsig.com)<<mailto:jobs@imsig.com>> with the following subject line: **NOA1503 Support Scientist: Testbed Meteorologist - Hydrometeorological Testbed.**

IMSG offers an outstanding benefits package including company paid medical benefits and three weeks paid time off.

IMSG is an Equal Opportunity Employer and Veteran friendly.