



Climate Modeling Post-Doctoral/Research Scientist Position

The Global Institute of Sustainability, jointly with the School of Geographical Sciences and Urban Planning and the School of Mathematical and Statistical Sciences at Arizona State University (ASU) has an immediate full-time vacancy for an exceptional Post-Doctoral or Research Scientist position to address questions involving multi-scale climate modeling focused on rapidly expanding urban areas. Primary responsibilities of the successful candidate will involve exploration of solutions targeted at overcoming challenges vis-à-vis the climate/energy/water nexus of rapidly expanding megapolitan areas within the U.S and globally.

The successful candidate(s) will join a transdisciplinary team of researchers jointly collaborating within ASU's Global Institute of Sustainability. A portion of the work may require periodic visits to the Mesoscale and Microscale Meteorology Division at the National Center for Atmospheric Research (NCAR).

Requirements:

- Demonstrated experience with land-surface/atmospheric numerical codes (those with expertise using the Weather Research and Forecasting (WRF) model, the principal tool of investigation, are encouraged to apply).
- Familiarity in handling and dealing with large data sets of various formats.
- Programming skills (e.g., Fortran) and proficiency in visualizing model output (e.g., GrADS, Matlab) for production of scholarly manuscripts in peer-reviewed journals.
- Ph.D. in atmospheric science, hydrology, computational/mathematical geosciences, or related fields.

For full consideration, please submit applications by February 1, 2013. The position is available for up to 2 years, subject to annual performance review. Salary is commensurable with experience. An attractive benefits package is offered. Starting date is flexible but not later than September 1st, 2013.

ASU is an equal opportunity/affirmative action employer and encourages and supports diversity among applicants and employees.

To Apply: Please send curriculum vitae, a brief description of research interests, and arrange for three letters of recommendation to be sent electronically to:

Prof. Alex Mahalov , <i>The Wilhoit Foundation Dean's Distinguished Professor</i> Arizona State University e-mail: mahalov@asu.edu	Prof. Matei Georgescu Arizona State University e-mail: matei.Georgescu@asu.edu Web: http://georgescu.lab.asu.edu/
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