

Job Vacancies
In Presidency of Meteorology and Environment (PME)
Jeddah, Saudi Arabia

Job Description: This is a new full-time two-year term position with possibility of extension.

Basic Job Functions: Conducts research to evaluate and improve the products of WRF Operational model working at PME. Develop detailed comparisons of observations and use this information to improve simulations of different meteorological events.

Duties Include: Conducts independent and collaborative research. Uses satellite, radar and in-situ data and integrates these data sets into the WRF model format. Analyzes WRF model output, including incorporating observation data into WRF run and compare it to observations. Develops modifications of the WRF physics and parameterization to improve simulations.

Requirements Include:

1. Education and Experience:
 - Recent Ph.D. or MSc. degree in Numerical Weather Prediction, meteorology, atmospheric Science or a related fields.
2. Knowledge, Skills and Abilities:
 - Solid knowledge of atmospheric dynamics, physics and scientific computing
 - Three or more years of experience with mesoscale models like the Weather Forecasting and Research (WRF) model
 - Familiarity with FORTRAN 77/90 Programming Language.
 - Familiarity with Atmospheric modeling.
 - Familiarity with scripting language shell, PERL, Python.
 - Familiarity with satellite, radar and data analysis.
 - Ability to work both independently and collaboratively.
 - Proficiency in software diagnostic tools such as NCL, RIP, IDL, GRADS, or MATLAB and experience in scientific computing.
 - Experience working in a UNIX, LINUX command line computing environment.

Job Location: Presidency of Meteorology and Environment (PME), Jeddah, Saudi Arabia.

Contact Persons:

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