

## **Ph.D. student position**

**Project: WRF modeling and urban meso-scale simulations**

**Funding: Israeli Environmental Protection Agency**

- Research focused on atmospheric models
- Work with urban WRF model
- Work with remote sensing data, field measurements, experiments
- Studying the impact of the urban surface on air quality

The candidate will be working on simulating weather and climate conditions in Israel using a limited area model WRF (=Weather Research and Forecasting) across different urban settings in order to diagnose changes in meteorological conditions and urban air quality and to develop future projections for the area.

The ideal candidate is a curious and driven person with strong communication and interpersonal skills. The candidate should be motivated to work in a multi-disciplinary environment. The candidate should have a Masters level degree in a relevant area, e.g., Atmospheric Science, Meteorology, Computer Science, Mathematics, Physics, Geography, Engineering, or Earth Sciences. Programming skills and experience with large atmospheric models, in particular WRF, are important assets. The candidate must also have a very good standard of written and spoken English and experience in scientific writing.

For more details, send CV to:

Dr. Alexandra Chudnovsky, Department of Geography and Human Environment, Faculty of exact Sciences, Tel-Aviv University,  
[achudnov@post.tau.ac.il](mailto:achudnov@post.tau.ac.il)

Dr. Dorita Rostkier-Edelstein, Head, Environmental Sciences Division,  
[drostkier@yahoo.com](mailto:drostkier@yahoo.com)