



האוניברסיטה העברית בירושלים  
THE HEBREW UNIVERSITY OF JERUSALEM

## Postdoctoral position (meteorology)

The Hebrew University of Jerusalem is seeking a postdoctoral research fellow in meteorology for the European Research Council project "FORECASToneMONTH": Forecasting Surface Weather and Climate at One-Month Leads through Stratosphere-Troposphere Coupling. The successful candidate will pursue research on subseasonal predictability and stratosphere-troposphere coupling, in particular addressing the mechanisms and magnitude of the downward coupling, the timescale over which stratospheric variability is itself predictable, and the causes of biases in the representation of these connections by weather and climate models. The work will involve numerical modelling with a general circulation model, analysis of model outputs and observations, and theory.

The initial appointment is for one year, renewable for up to four additional years. The work will be done in Jerusalem, Israel, in the Institute for Earth Sciences under the supervision of Dr. Chaim Garfinkel. The position is available from early 2016 with the starting date negotiable.

### Required:

- Ph.D. degree in climate science, meteorology, or physical oceanography that has been awarded within the last 5 years. Recipients of Ph.D. degrees in engineering and applied mathematics will also be considered. Candidates expecting to obtain their Ph.D. degree in early 2016 are also encouraged to apply.
- Ability to work independently and as a team member.
- A strong mathematical background and good computing skills, including programming.
- Proper scientific attitude and drive.
- Good English skills (both writing and speaking).

**Considered an advantage:** Good knowledge of atmospheric dynamics, experience in climate modelling, experience with Unix/Linux including shellscript programming, advanced skills in Matlab and Fortran (F90), and a solid publication record.

**The deadline for applications is 15 December 2015. Please send your application to [chaim.garfinkel@mail.huji.ac.il](mailto:chaim.garfinkel@mail.huji.ac.il) by e-mail titled "Postdoc position (meteorology)".** The application should include a CV (including education history and publication record), a brief statement of research interests and future career plans, and the names and contact information of two or more references. Salary is based on experience and performance according to the Hebrew University of Jerusalem salary scale. Position is open until filled.

**More information is available from Dr. Chaim Garfinkel (e-mail [chaim.garfinkel@mail.huji.ac.il](mailto:chaim.garfinkel@mail.huji.ac.il)).**