



November 23rd, 2016

Lecturer/senior lecturer position, Hydrological Models

The Zuckerberg Institute for Water Research at Ben-Gurion University of the Negev, Israel, invites applications for a full time tenure track position in Hydrological Models, at lecturer/senior lecturer level, with a starting date of fall 2017.

Job Description

Multidisciplinary approaches to quantify processes in various hydrological environments such as (but not limited):

- Theoretical, analytical/numerical modeling of flow and transport phenomena through heterogeneous media at different spatiotemporal scales for environmental hydrology related processes.
- Data mining and decision support for integrated water management models. (e.g. for decision making under uncertainty, for water sensitive urban and watershed planning, regional and national water systems, water regulation and strategy planning).
- Grid, non-grid and particle tracking computational methods.
- Multiphase and fate of multi-components reactive transport.
- Fundamental Hydrodynamics for heterogeneous media.

Requirements

The excellent candidate is expected to develop and maintain a rigorous research program that will attract continued external funding and offer synergism with existing program at the ZIWR. Faculty is expected to contribute to the teaching and training of graduate students.

Applicants must possess a PhD and have appropriate post-doctoral training and/or faculty experience and demonstrate research productivity.

Interested candidates should submit a Curriculum Vitae, a statement of research interests and of future research goals and the complete contact information for at least three references to the following addresses: amgross@bgu.ac.il and weisbrod@bgu.ac.il (e-submissions are preferable). Review of applications will begin immediately and continue until position is filled.

Institute website: <http://in.bgu.ac.il/en/bidr/ziwr/Pages/default.aspx>

Department website: <http://in.bgu.ac.il/en/bidr/ziwr/ehm/Pages/default.aspx>