

Faculty Positions in Mapping and Geo-information Engineering The Faculty of Civil & Environmental Engineering The Technion – Israel Institute of Technology

The Faculty of Civil and Environmental Engineering at the Technion – Israel Institute of Technology invites applications for tenure track positions in the Transportation and Geo-Information Engineering Division, with preference, but not exclusive of the following areas:

- i) GI Science, with focus mainly on: geodynamics, cartography, and visualization,
- ii) Geodesy.

The division wishes to expand its activities into the application of advanced methods and technologies in these specialty areas. Candidates from a variety of disciplines including but not limited to geo-information engineering, geophysics, computer science, and electrical engineering are invited to apply. Mapping and Geo-information background is preferred but is not a pre-requisite.

As the Technion houses the only Mapping and Geo-Information academic program in Israel, the successful candidates are expected, together with the other faculty members, to have the responsibility to educate the new generations of engineers and scientists, needed for the public and private sectors; to promote theoretical and applied research at the highest international level; to develop the national knowledge basis in their field of expertise; and to promote the professional activities in Israel and abroad.

The position is open to all academic levels (senior lecturer, associate professor and full professor) with priority to young, junior level, applicants. Applicants should hold a doctoral degree from an accredited institution, and have a demonstrated leadership and commitment to teaching and research in the academic environment following their doctoral degree. The successful candidates are expected to gain knowledge of Hebrew (sufficient for teaching), within two years of their admittance. The candidates are expected to contribute to the development of the research and teaching program of the department including conducting research independently and in collaboration, achieving research grants, supervising graduate students, and teaching postgraduate and undergraduate courses in their field of interest, and to contribute to the teaching of other engineering courses at the undergraduate level.

The Mapping and Geo-Information Engineering division is committed to excellence in teaching and interdisciplinary research aimed at providing the knowledge base, innovation and human capital needed. Its mission is to build, maintain and develop cutting-edge science and technologies to enable geospatial information gathering and utilization, for the benefit of the Country's development and its security, for protecting our natural environments and for ensuring the quality of life of our society.

Faculty members conduct their research in collaboration with the Mapping and Geodesy Research Centre at the Faculty of Civil and Environmental Engineering.

Applicants should forward detailed curriculum vitae, a statement concerning research, teaching and professional interests, and a list of at least four referees to:

Professor Arnon Bentur, Dean, Faculty of Civil and Environmental Engineering, Technion, Technion City, Haifa, 3200, Israel, bentur@technion.ac.il

The closing date for receipt of applications is **MAY 12, 2011** or until the position is filled.

For further details, applicants can contact:

Prof. Sagi Filin, the head of the Geo-Information division at filin@technion.ac.il.