

Ph.D. positions in Environmental Design
The Environmental Performance and Design Lab (EPDL)
The Technion – Israel Institute of Technology

The Faculty of Architecture and Town Planning under the direction of Assist. Prof. Jonathan Natanian is offering **two fully-funded Ph.D. fellowships for scholars in the field of environmental design** at the Environmental Performance and Design Laboratory (EPDL). Holders of a master's degree with a thesis whose profile fits the description below are invited to apply. The duration of the fellowship is for four years, starting date is negotiable.

Research topics include, but are not limited to:

- Smart building skins and their impact on indoor environmental quality and energy performance
- District-scale nature-based solutions
- Human-centered approaches for environmental design
- Integration of vegetation in urban scale eco- computational design
- LCA integration in environmental quality evaluation
- Digital environmental performance workflows for a changing climate

Requirements:

- Independent thinking and initiative
- Strong analytical skills
- Preferably with architecture or environmental engineering background
- Strong English communication skills
- Environmental analysis skills preferably with python scripting proficiency

To apply please send the following to jonathann@technion.ac.il:

- CV including a list of publications including the contact details (emails) of two referees (up to 2 pages)
- Letter of intent in which you describe what motivated you to do a Ph.D., how your personal background prepared you to pursue that path, which field you wish to research, and how your skills will help you achieve your research aim (one page)
- Writing sample (in English): Thesis chapter, journal article, or a conference paper

The position is in Haifa, Israel at the EPDL lab [↘](#)

We offer a vibrant and inspiring research environment in which building and urban morphology, cutting-edge computational tools and building physics and environmental design theories come together!

Selected candidates will enjoy competitive salaries and benefits consistent with the Technion's policy and based on the candidate's background.

Prospective Postdocs and Master's students are also welcome to apply.