

Yonatan (Yoni) Israeli

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Date of Birth: May 11, 1988

Education

- **Ph.D. Candidate, The Hebrew University of Jerusalem, Israel**
Institute of Earth Sciences, the Geology Department and the Advanced School of Environmental Studies, 2016 – *present* (M.Sc. Grade average: 96.8).
Thesis: Impact of mineral dissolution and precipitation on the wetting behavior of non-aqueous phase liquids in groundwater systems.
Advisor: Prof. Simon Emmanuel.
- **B.Sc. *Magna Cum Laude*, The Hebrew University of Jerusalem, Israel**
Institute of Earth Sciences, 2012-2015 (B.Sc. Grade average: 92.3).
Majoring Geology and Oceanography-Climate-Atmospheric Sciences.
- **Student Exchange Program, The University of Sydney, Australia**
School of Geosciences, 2015.
- **The Hebrew University Secondary School, Jerusalem, Israel**
2003-2006.

Academic Employment

- **Teaching Assistant, Hebrew University of Jerusalem, Israel**
2015 – *present*. Courses: Minerals and Rocks, Basic Geological Mapping, Geology & Geophysics of the Marine Environment.
- **Laboratory Technician, Hebrew University of Jerusalem, Israel**
2016 – *present*. Technician at the Atomic Force Microscope laboratory of Prof. Simon Emmanuel at the Institute of Earth Sciences.
- **Collection Supervisor, Hebrew University of Jerusalem, Israel**
2017 – *present*. The minerals and rocks collection of The Institute of Earth Sciences.

Awards and Distinctions

- 2018: **Rieger Foundation-Jewish National Fund Fellow in Environmental Studies** for the 2018-2019 school year
- 2018: **Certificate of excellence for outstanding poster**, presented during the annual Nanoscience and Nanotechnology conference.
- 2017-2018: **The Hebrew University Center for Nanoscience and Nanotechnology** scholarships for outstanding Ph.D. students.
- 2016: **Dean's list, The Hebrew University of Jerusalem**
- 2016: **Israel Ministry of National Infrastructures, Energy and Water** Scholarship for research in the fields of energy.

- **2015: Sir Zelman Cowen Universities Fund Student Fellowship**
University of Sydney-Hebrew University of Jerusalem student exchange fund.
- **2015: International house Women's Committee Bursary Scholarship**
University of Sydney International house accommodation scholarship.
- **2014: Dean's list, The Hebrew University of Jerusalem**
- **2012-2015: Graduated with honors, The Hebrew University of Jerusalem**
- **2003-2006: Certificate of Merit for Voluntary Community Service**
The Hebrew University Secondary School, Jerusalem.

Conference Presentations

- Israeli Y. and Emmanuel S. (2018) Impact of grain size and rock composition on simulated rock weathering. **European Geosciences Union (EGU) General Assembly 2018**, Vienna, Austria. **Poster presentation.**
- Israeli Y. and Emmanuel S. (2018) Calculating the contact angle of nano-droplets using atomic force microscopy. **The Hebrew University Center for Nanoscience and Nanotechnology Annual Conference**, The Dead Sea. **Poster presentation.**
- Israeli Y. and Emmanuel S. (2017) Mineral Replacement Reactions Alter Wettability in Carbonate Rocks. **The Hebrew University Center for Nanoscience and Nanotechnology Annual Conference**, The Dead Sea. **Poster presentation.**
- Israeli Y. and Emmanuel S. (2017) Mineral Replacement Reactions Alter Wettability in Carbonate Rocks. **The Israel Geological Society conference**, Mitzpe Ramon. **Oral presentation.**

Publications

- Israeli, Y., and Emmanuel, S.: 2018, Impact of grain size and rock composition on simulated rock weathering: ***Earth Surface Dynamics***, 6, 319-327, <https://doi.org/10.5194/esurf-6-319-2018>.

Voluntary Community Service

- **2016-2017: Volunteered in the Israeli Scouts**
- **2007: Volunteered in a Service Year Program**
Kibbutz Revivim, as a part of a unique "Gar'in Nahal" program.
Served as the Secretary of the "Gar'in".
- **2006: Community service in the Israeli Scouts ("Shnat Sherut")**
Founded and established a scouts tribe - "Oz" in Gilo, Jerusalem.

Military Service (IDF)

- **2011-currently: Reserves service as a Platoon Sergeant**
- **2007-2010: Platoon Sergeant, Class Commander and Combat Soldier**
Awarded outstanding soldier in the senior sergeant course.