

## ODED ELAZAR -CURRICULUM VITAE

August 2018

Date of place of birth: October 4 1986, Israel  
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### EDUCATION

B.Sc., Geology 2013

The Institute of Earth Sciences, The Hebrew University of Jerusalem

M.Sc., Geology, *cum laude*. 2015

The Institute of Earth Sciences, The Hebrew University of Jerusalem

Advisors: Prof. Oded Navon and Prof. Ronit Kessel

Topic: Experimental work on the hydrous-carbonated eclogite system at upper mantle conditions.

Ph.D. candidate 2016-present

The Institute of Earth Sciences, The Hebrew University of Jerusalem

Advisors: Prof. Oded Navon and Prof. Ronit Kessel

Topic: The role of fluids on diamond formation, metasomatism and incipient melting of mantle rocks -

### AWARDS AND HONORS

M.Sc. *cum laude* in Geology 2016

The Hebrew University of Jerusalem

Theodor Diker and Menahem Shraga award for outstanding student 2016

The Institute of Earth Sciences, The Hebrew University of Jerusalem, Israel.

**TEACHING****Teacher assistant,**

The Institute of Earth Sciences, The Hebrew University of Jerusalem, Israel.	2013- present
Introduction the Geology for geographers (with Prof. Oded Navon)	2013- present
Igneous petrology petrography (with Prof. Ronit Kessel)	2013-2016
Introduction to mineralogy (with Prof. Dov Avigad)	2017- present

**CONFERENCE PAPERS AND ABSTRACTS**

1. BenDor .Y., **Elazar O.**, Harlavan Y and Avigad D. (2013). Characterizing provenance sources of the siliciclastic Cambrian formations using isotope geochemistry of heavy minerals – preliminary results. C Israel Geological Society Annual Meeting, Acre, Israel. (poster)
2. **Elazar O.**, Kessel R. and Navon O. (2015). Fluids and melts in equilibrium with carbonated hydrous eclogite system at 4-6 GPa and 900-1200°C Israel Geological Society Annual Meeting, Kinnert, Israel. (poster)
3. **Elazar O.**, Kessel R. and Navon O.(2016) ) Fluids and melts in equilibrium with carbonated hydrous eclogite system at 4-6 GPa and 900-1200°C Israel Geological Society Annual Meeting, Eilat, Israel. (Presentation)
4. **Elazar O.**, Kessel R. and Navon O. (2016) Fluids and melts in equilibrium with carbonated hydrous eclogite system at 4-6 GPa and 900-1200°C (2016). International conference on Experimental Mineralogy, Petrology and Geochemistry. Zurich, Switzerland. (Presentation)
5. **Elazar O.**, Kessel R. and Navon O. (2017) Melting of hydrous-carbonated eclogite at 4–6 GPa and 900-1200C: implications for High Density Fluids sources in diamonds. 11<sup>th</sup> International Kimberlite Conference. Gaborone, Botswana. (Presentation)
6. **Elazar O.**, Kessel R., Huang J-X and Navon O. (2018) Silicic fluid microinclusions in a metasomatised eclogite from Roberts Victor. Goldschmidt 2018. (Poster).
7. Navon O., **Elazar O** and Kessel R. (2018), Mantle metasomatism and diamond-forming fluids. Goldschmidt 2018. (Poster).

**SUBMITTED PAPERS**

1. **Elazar O.**, Frost D, Kessel R and Navon O. submitted (2018). Melting of hydrous carbonated eclogite at 1 4–6 GPa and 900-1200°C: implications for the generation of diamond-forming fluids. *Geochimica et Cosmochimica Acta*.