

CURRICULUM VITAE

• **Personal Details**

Michael Tsesarsky

Date and place of birth: 18.10.1970, Moldova (former USSR)

Date of immigration: 17.3.1980

Regular military service: 1989-1992

Address (work): Department of Structural Engineering

Department of Geological and Environmental Sciences

Ben-Gurion University of the Negev

Beer-Sheva 84105, Israel

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Address (home): Zalaf 10

Omer 84965, Israel

• **Education**

B.Sc. - 1993-1996 – Ben-Gurion University – Geology and Mineralogy (Cum Laude)

M.Sc. - 1996-1999 – Ben-Gurion University – Geological and Environmental Sciences (Cum Laude)

Name of advisor: Prof. Y.H. Hatzor

Title of thesis: *The stability of underground openings in jointed chalk – a case study from the Bet-Guvrin National Park, Israel.*

Ph.D - 1999 – 2004 - Ben-Gurion University – Geological and Environmental Sciences

Name of advisor: Prof. Y.H. Hatzor

Title of thesis: *The stability of underground openings in horizontally bedded and vertically jointed rock mass*

• **Employment History**

12/2012 - Present

Senior Lecturer

Structural Engineering (joint appointment with the Dept. of Geological and Environmental Sciences)

Ben Gurion University

8/2014 - 8/2015

Visiting Research Scholar

Department of Geotechnical and Environmental Engineering

University of California, Davis

9/2006 – 11/2012

Lecturer

Structural Engineering (joint appointment with the Dept. of Geological and Environmental Sciences)

Ben Gurion University

9/2004 – 8/2006

Research (Post-Doctoral) Fellow  
Faculty of Civil and Environmental Engineering  
Technion, Israel Institute of Technology

2004

Adjunct Lecturer  
Structural Engineering  
Ben Gurion University

1996 – 2004

Teaching Assistant  
Geological and Environmental Sciences  
Ben Gurion University

2001-2003

Instructor  
Achva Academic College, Israel

### **Graduate Research Students**

*Machlav Eli* - M.Sc. - 2011

Dept. of Geological and Environmental Sciences, Ben Gurion University  
Thesis: *High Fidelity Finite Element Analysis of the Bet Guvrin Bell Shaped caverns.*

*Hazan Moriya* - M.Sc - 2013

Dept. of Geological and Environmental Sciences, Ben Gurion University  
Thesis: *Multi Scaling and Homogenization of Geological Materials with Inclusions*

*Amir Wahanon* – M.Sc. - 2013

Dept. of Geological and Environmental Sciences, Ben Gurion University  
Thesis: *Microbially induced calcite cementation of sands using model and native soil bacteria*

*Zaslavski Tal* – M.Sc. - 2015

Dept. of Geological and Environmental Sciences, Ben Gurion University  
Thesis: *3D ground motion analysis in Amiaz basin – constraints on clastic dykes emplacement.*

*Shani-Kadmiel Shahar* - Ph.D. - 2015

Dept. of Geological and Environmental Sciences, Ben Gurion University  
Thesis: *Ground Motion Analysis in the Dead Sea Transform Associated Basins.*  
*Recipient of the 2011 Wolf Foundation scholarship*  
*Recipient of the 2017 Ben-Tor prize*

*Gat Daniella* - Ph.D. - 2015

Dept. of Geological and Environmental Sciences, Ben Gurion University  
(co-supervised by Z. Ronen. Dept. of Hydrology and Env. Microbiology.)

Thesis: *Ureolytic Microbially Induced CaCO<sub>3</sub> Precipitation in Sands via Stimulation of Indigenous Bacteria: Precipitation, Nitrification and Sustainability.*

*Omri Volk* - M.Sc. - 2016

Dept. of Geological and Environmental Sciences, Ben Gurion University

Thesis: *Wave-guides in the sedimentary wedge of the Levant continental shelf and ground motions in the Israel coastal plane.*

*Roye Shimoni* - M.Sc. - 2018 (expected)

Dept. of Geological and Environmental Sciences, Ben Gurion University

*Alina Goldberg* - M.Sc. - 2018 (expected)

Dept. of Geological and Environmental Sciences, Ben Gurion University

*Noam Ganz* - M.Sc. - 2018 (expected)

Dept. of Geological and Environmental Sciences, Ben Gurion University

*Elad Mazar* - M.Sc. - 2019 (expected)

Dept. of Geological and Environmental Sciences, Ben Gurion University

### **Awards, Citations, Honors, Fellowships**

#### (a) Honors, Citation Awards

2004 - Outstanding Teaching Assistant Dept. of Geological and Environmental Sciences. Ben Gurion University.

2000 - The Peretz Grader award of the Israel Geological Society for outstanding M.Sc. thesis

#### (b) Fellowships

2005 - The Council for Higher Education Postdoctoral Fellowship.

2004 - The Neaman Foundation Postdoctoral Fellowship.

1997 - Ben Gurion University Summer research fellowship for outstanding graduate students.