

Yael G. Mishael

Curriculum Vitae

Personal Details

Date of birth: Feb. 4, 1973
Country of birth: Jerusalem, Israel
Family status: Married + 3
Military service: Nahhal (1990-1993)
Work Address: Dept. of Soil and Water Sciences, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, P.O. Box 12, Rehovot 76100, Israel.
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Higher Education

1993-1996 **B.Sc.** Chemistry and Structural Molecular Biochemistry, Faculty of Natural Sci. The Hebrew University of Jerusalem.
1996-1999 **M.Sc. Agr.** (*Magna Cum Laude*) The Dept. of Soil and Water Sci. The Hebrew University of Jerusalem/
1999-2003 **Ph.D.** The Dept. of Soil and Water Sci. The Hebrew University of Jerusalem.
Advisors: Prof. Shlomo Nir and Prof. Baruch Rubin
Areas of study: surfactants, adsorption of surfactants on clay minerals, incorporation of herbicides in micelles, slow-release formulations of anionic herbicides, herbicide leaching.
2003 - 2005 **Post-doctoral fellowship** Dept. of Chemistry, Indiana University–Purdue University, IN, USA Host: Prof. Paul L. Dubin
Areas of study: polycation adsorption on silica and on porous silica, micelle-polymer interactions, solubilization in micelles, micelle growth induced by solubilization, water purification by colloids.

Appointments

2005–2009 Lecturer, Physical chemistry of soils, Dept. of Soil and Water Sci. The Hebrew University of Jerusalem.
2009-present Senior Lecturer, Physical chemistry of soils, Dept. of Soil and Water Sci. The Hebrew University of Jerusalem.

Additional Functions

2008–present Member of Israeli Soil Science Society Committee
2009-present President of The Israeli Clay Mineral Society
2010-present Academic coordinator for Water Horizon. Australian-Israel program
2010-present Member, Advisory Teaching Committee of Soil and Water Sciences, The Robert H. Smith Faculty of Agri., Food and Environ.
2010-present Chair of the Environmental Quality and Natural Resources in Agriculture teaching track. The Robert H. Smith Faculty of Agri., Food and Environ.