

Prof. Dr. Benny Chefetz
Dean, Faculty of Agriculture, Food and Environment
The Hebrew University of Jerusalem

My research interests relate to physico-chemical processes of organic pollutants occurring in water, reclaimed wastewater, soils and sediments. An overarching goal is to elucidate physical, chemical and biological processes that influence the fate of organic molecules in the environment with special emphasize on the agricultural environment.

Special interests are: (1) Fate of pharmaceutical compounds in soil and water; (2) Sorption-desorption behavior of xenobiotics in soils and sediments; (3) Irrigation with reclaimed wastewater: effects on human health; (4) Nano particles in the environment: fate and processes; (5) Nature and reactivity of dissolved organic matter.

Personal details

Date of birth: October 28, 1965
Country of birth: Israel
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Higher education

1992 B.Sc. Agr. (*Magna Cum laude*) at The Hebrew University of Jerusalem, Soil Sciences.
1998 Ph.D. at The Hebrew University of Jerusalem, Dept. of Soil and Water Sciences. Thesis: Transformation of organic matter during composting of municipal solid waste. Supervisors: Prof. Yona Chen and Prof. Yitzhak Hadar.
1998 - 2000 Post-Doctorate at the Ohio State University, Dept. of Chemistry. Host: Prof. Patrick G. Hatcher.

Appointments at the Hebrew University

2000 - 2005 Lecturer of Environmental Chemistry
2005 - 2009 Senior Lecturer of Environmental Chemistry
2009 - 2014 Associate Professor of Environmental Chemistry
2014 – to date Professor of Environmental Chemistry

Additional functions/tasks at the Hebrew University

2008-2013 Chairman, Department of Soil and Water Sciences.
2009-2011 Director, Research Center for Agriculture, Environment and Natural Resources.
2011- to date Director, The Hebrew University Center of Excellence in Agriculture and Environmental Health.
2013- 2017 Vice Dean for Research nFaculty of Agriculture, Food and Environment.
2017- to date Dean, Faculty of Agriculture, Food and Environment.

Editorial services

2007- 2017 Member, Editorial Board of the Journal *Geoderma*.
2009 - 2018 Member, Editorial Advisory Board for *Environmental Science & Technology*.
2012 - 2017 Associate Editor and Member of the Editorial Board of *Journal of Environmental Quality*