

## **CURRICULUM VITAE**

1964, born in London, UK.

### **University Education and Additional Training**

- 1985 – 1988 B.Sc. in Geology and Physical Geography at the Hebrew University of Jerusalem.
- 1989 High school teaching certificate in Geography at the Hebrew University of Jerusalem.
- 1990 – 1992 M.Sc. in Geology at the Hebrew University of Jerusalem.  
Magna Cum Laude.  
Title of thesis: Alteration of a basaltic dike, Makhtesh Ramon, Israel.  
Supervision by: Prof. Y. Kolodny and Dr. A. Ayalon
- 1994 – 1999 Ph.D. in Geology at the Hebrew University of Jerusalem.  
Title of thesis: Distribution and Mobility of Lead in the Soil; Isotopic Composition as an Indicator for Natural Versus Anthropogenic Sources.  
Supervision: Prof. Y. Erel and Dr. L. Halicz.
- 2000 – 2006 Postdoctoral position at the Swiss Federal Institute of Technology (ETH) with Prof. A. Halliday and at the Swiss Federal Institute of Aquatic Science and Technology (Eawag ) with Prof. U. von Gunten and Prof. B. Wehrli.  
Research subject: Developing iron isotopic chemistry separation and measurements by MC-ICPMS; applying the method in lake water and groundwater research.

### **Positions Held and Academic Status**

- 1987 – 1990 Research assistant in Geology at the Hebrew University of Jerusalem (XRD and stable isotopes, Dr. N. Porat and Prof. A. Matthews).
- 1993 Research assistant in stable isotope geochemistry at the Hebrew University of Jerusalem (Prof. Y. Kolodny) and at Dartmouth college, USA (Prof. P. Chamberlain).
- 1990-1998 Teaching assistant in Geology at the Hebrew University of Jerusalem

(Environmental Geochemistry, Geochemistry of Radioactive isotopes, Geochemistry of Stable Isotopes, Introduction to Soil Sciences, The Dynamic Earth, Earth Materials, General Paleontology, Field Camp in Geology, and Geological Mapping).

- 2007-2009 Returning scientist (Science Absorption Centre, Ministry for Immigrant Absorption) and laboratory manager at the Institute for Earth Sciences at the Hebrew University of Jerusalem: student guidance, method development, and operation of the clean and analytical geochemistry laboratories.
- 2009- Research Scientist at the Division of Geochemistry and Environmental Geology, Geological Survey of Israel, Jerusalem.

### **Membership in Scientific Committees**

- 2011-present Member of the Fly Ash professional scientific committee (contaminants), the National Coal Ash Board, Israel.

### **Awards and Scholarships**

- 1986 “Perach” scholarship to coach a CP handicapped eight years old.
- 1991 Recipient of the best poster prize, Israel Geological Society Annual Meeting.
- 1990-1992 M.Sc. scholarship, The Hebrew University of Jerusalem.
- 1996 Recipient of the P. Grader award, Israel Geological Society.
- 1994-1998 Ph.D. scholarship, The Hebrew University of Jerusalem.
- 1999 Recipient of the Swiss Federal Scholarship for Foreign Students.
- 2000 Recipient of the Huber-Kudlich foundation scholarship.
- 2001-2004 Swiss National Science Foundation postdoctoral grant.