

## Curriculum Vitae

### ARIEH SINGER

**Born:** May 14, 1934

**Current title:** Professor of Soil Mineralogy  
Department of Soil and Water Sciences  
Faculty of Agriculture, The Hebrew University of Jerusalem

**Education:** M.Sc. Agric. The Hebrew University of Jerusalem, 1962.  
Ph.D. (Soil Science) The Hebrew University of Jerusalem, 1969.

#### **Academic Appointments:**

Instructor of Soil Science, The Hebrew University of Jerusalem, 1968-1969.  
Lecturer of Soil Science, The Hebrew University of Jerusalem, 1969-1978.  
Senior Lecturer of Soil Science, The Hebrew University of Jerusalem, 1978-1980.  
Associate Professor of Soil Science, The Hebrew University of Jerusalem, 1980-1989.  
Professor of Soil Science, The Hebrew University of Jerusalem, 1989-2002.  
Professor Emeritus, The Hebrew University of Jerusalem, 2002-present.

#### **Professional Activities:**

Visiting Scientist, Soils Division, CSIRO, Adelaide, Australia, 1971-1972.  
Guest Professor, Dept. Sedimentology, Univ. of Heidelberg, Germany, 1978-1980.  
Consultant for soil survey, evaluation and land use planning, Water Planning of Israel (TAHAL).  
Missions to Central America (1969) and China (1983).  
Visiting Scientist, Dept. Soil Science, Univ. of Saskatchewan, Canada, 1984-1985.  
Visiting Scientist, Institute for Soil Research, Pretoria, South Africa, 1991.  
Visiting Scientist, University of Colorado, Boulder, U.S.A., 1996.  
Visiting Scientist, University of Hohenheim, Stuttgart, Germany, 2000.

#### **Membership in Scientific Societies:**

Israel Society of Soil Science; Israel Society of Clay Research; Soil Science Society of America (SSSA); Clay Minerals Society, U.S.A. (CMS); International Soil Science Society (ISSS); International Association for the Study of Clays (AIPEA).

#### **Recent Grant Support:**

1. Formation of hydrothermal clay minerals in the Atlantis II - Deep, Red Sea. Schonbrunn Fund, Hebrew University of Jerusalem, 1995-1996. \$12,000.
2. Protection of land and settlements in the arid regions from contamination by aeolian dust. AID-CDR, U.S.A., 1997-1999. \$144,000.
3. Properties of palygorskite clay that may affect soil properties in the Jordan Valley. University of Hohenheim Fund, 1998-1999. DM 42,000.

#### **Patents:**

Zeolite Production from Coal Fly Ash. Israel Patent No. 107428, 1994.

