

Uri Mingelgrin

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Education

- 1971 Ph.D., Physical Chemistry, Harvard University, Cambridge, Massachusetts. Thesis: The pressure broadening of the O₂ microwave spectrum.
- 1966 M.S., Soil Chemistry, Cornell University, Ithaca, New York.
Minor: Physical Chemistry. Thesis: The isolation from an organic soil of a water-soluble and alcohol-insoluble polysaccharide and the identification of the sugars in it.
- 1965 B.S. in Soil Chemistry, Cornell University, Ithaca, New York. Graduated first in class.

Professional Experience

- 1972 - present Institute of Soils, Water and Environmental Sciences, ARO, The Volcani Center, Bet Dagan, Israel. Principal Scientist (equivalent to Full Professor), since 1987.
- 1996 - present Full Professor (adjunct), Dept. of Soil Science, The Hebrew University of Jerusalem, Israel.
- 2001 – present Israeli Representative to the Panel of Environmental Experts of the International Permanent Court of Arbitration, The Hague, Netherlands.
- 2007 - present Environmental consultant on soil and water contamination and reclamation.
- 2005-2007 Deputy Director for Research, ARO, The Volcani Center, Bet Dagan, Israel.
- 2001-2003 Sabbatical appointment at the University of California. The Department of Environmental Sciences, Riverside and the Department of Land Air and Water Resources, Davis.
- 1994-1999 Chief Scientist, Israel Ministry of the Environment.
- 1976-1994 Chairman, Dept. of Soil Environmental and Physical Chemistry, Institute of Soils, Water and Environmental Sciences, ARO, The Volcani Center, Bet Dagan, Israel.
- 1992 U.N. Consultant to the Institute for Technology of Nuclear and Other Mineral Raw Materials, Belgrade, Yugoslavia.
- 1988-1989 Visiting Professor, Dept. of Agronomy, Cornell University, Ithaca, N.Y.
- 1973-1982 Consultant, Chemical Physics Department, Weizmann Institute of Science, Rehovot, Israel.
- 1971 - Visiting Fellow, Cooperative Institute for Research in Environmental

- 1972 Sciences (CIRES), University of Colorado, Boulder, Colorado.
- 1968-1970 Visiting Fellow, NASA, Electronic Research Center, Cambridge, MA.
Research on high pressure O₂ microwave spectrum.

Selected Committees and Boards:

- 2008-present Member, National Steering Committee for Governmental Research and Development.
- 2003-present Member, steering committee for the evaluation of the extent of pollution in the coastal aquifer in the Ramat Hasharon region. Appointed by the Israel Water Commissioner.
- 2003-present Chairman, committee for defining means to handle polluted river sediments. Appointed by the Israel Ministry of the Environment.
- 2008 Israeli representative to the steering committee of CIRCLE: Climate impact Research Coordination for a Larger Europe.
- 2005-2007 Chairman, Academic Committee of the Agricultural Research Organization, Volcani Center, Israel.
- 2005-2007 Israeli representative to the Domain Committee on Food and Agriculture of the COST Research and Development program of the European Union.
- 1999 Chairman, Organizing Committee of the Israel-U.K. Binational Conference Water Quality Control. London, U.K.
- 1998-2002 Member, National Steering Committee for the Reduction in Use of Methyl Bromide, Israel.
- 1998-1999 Chairman, Water Quality Criteria Committee, Kishon River Authority, Israel.
- 1997-1999 Member, Board of Directors, U.S. Israel Science and Technology Commission.
- 1997-2002 Chairman, Board of Governors, Kishon River Authority, Israel.
- 1997-2000 Member, Technical Advisory Committee (TAC) of the U.S.-Israel Binational Agricultural Science and Technology Fund (BARD).
- 1996-2001 Member, U.S.-Israel Science and Technology Commission's Task Force on Energy and Environmental Standardization.
- 1996-1999 Israeli Representative, Managing Committee of the Environment and Climate Research and Development Program of the European Union.
- 1995 – 2001 Member, Board of the Israel Coal Ash Administration.
- 1995 – 1999 Member, Israeli National Council for Research and Development.
- 1996-1998 Chairman, Governmental Committee for the Definition of Methodology and Procedures for Establishing Environmental Laws and Regulations.
- 1995 – 1998 Member, Scientific Council to the Israel Water Commissioner.
- 1992 Member, Scientific Evaluation Committee for Research in Environmental Quality within the framework of the cooperation between the EC and Israel.

Selected Editorial Boards

2000-present Editorial Board of Water, Air and Soil Pollution: Focus.

1993-present Editorial Board of Agrochimica

1980-present Editorial Board of Water, Air and Soil Pollution.

1999-2002 Editorial Board of Ecology and the Environment.

Selected Additional Activities

Frequent manuscript reviewer for many scientific journals including the Journal of Environmental Quality and Environmental Science and Technology.

Authored 78 reviewed publications and invited chapters. Authored or edited 6 books and special issues.

Taught courses on topics in soil and environmental chemistry as related to soil and water pollution and pesticides behavior, in the Hebrew University of Jerusalem, University of Minnesota, St. Paul, University of California, Riverside and the Weizmann Institute of Science, Rehovot, Israel.

Supervised 15 M.S. students and 4 Ph.D students who have already received their degrees. Presently supervising 2 students towards their M.S. degree and 1 towards his Ph.D degree.

Membership in Professional Societies

- International Society of Soil Science.
- Soil Science Society of America.
- American Society of Agronomy.
- International Assoc. for the Study of Clays.
- Association of Harvard Chemists.
- Israel Society of Soil Science.
- Israel Society for the Study of Clays.

Selected Honors, Awards and Honorary Appointments

2001	Designated Scientist of the Year by the Israel Agricultural research Organization, Volcani Center.
1998	Appointed Fellow of the American Society of Agronomy.
1998	Appointed Fellow of the Soil Science Society of America.
1994	Recipient of the Arc En Ciel Grant for French-Israeli Scientists Exchange.
1989-92 and 1983-84	President, Israel Society for the Study of Clays.
1978	The Royal Society (London) Visiting Fellow at the Dept. of Chemistry, University of Birmingham, England.
1977	The J. and A.Z. Cohen Award for research in the field of pesticide use.
1966 - 1971	Harvard University Fellowship.

- 1968 Hercules Prize for Excellence in Teaching of Chemistry, Harvard University.
- 1965 First in graduating class, College of Agriculture, Cornell University.
- 1965 Member, Phi Kappa Phi - Honorary Society in Applied Sciences.
- 1964 - 1965 Agronomy Student Award for Scholastic Achievements and Student Contributions. Awarded by the American Society of Agronomy.
- 1963 Alpha Zeta Key for highest average of any freshman in the College of Agriculture, Cornell University.