

# Miriam Haran

## CURRICULUM VITAE AND LIST OF PUBLICATIONS

### • Education

- 1972-1978      Ph.D. Organic Chemistry, Brandeis University, Waltham,  
Massachusetts.  
Name of advisor – Prof. Miron Rosenblum  
Title of thesis: Synthesis and Study of a New Class of  
Stereochemically Dynamic Dinuclear Iron Carbyne and Carbene  
Complexes.
- 1969-1972      B.Sc. Chemistry, Hebrew University, Jerusalem, Israel.

### • Employment History

- 2006 - Present      Head of M.B.A. Environmental Management Specialization  
Ono Academic College
- 1989-1990      Researcher  
Rutgers University, Newark, New Jersey (sabbatical).  
Synthesized model systems for studying a naturally occurring  
enzyme and its cofactors. Supervised the work of a graduate  
student.
- 1992-1993,      Teaching applied chemistry for laboratory technicians  
1982-1987      The Hadassah College of Technology, Jerusalem, Israel  
1982-1986      Senior Lecturer in Chemistry  
Hebrew University, Jerusalem, Israel.
- 1978-1982      Research Associate/Lecturer, School of Pharmacy  
Hebrew University, Jerusalem, Israel.

• **Professional Activities**

(a) Professional academic functions

2008-2012	Member of the Board of BGN Technologies Ltd and member of the General Assembly Jerusalem Institute for Israel Studies.
1994-1996	Executive Assistant to the Director The Center for Applied Studies of the Environment Hunter College, New York, NY.

(b) Professional functions outside universities/institutions

2012 – Present	Chair Israel Consumer Council
2009 – Present	Board member Israel Chemicals Ltd.
2008-2012	Board member Environmental Services Company
2009-2010	Head of an environmental project in Angola LR GROUP, Herzliya, Israel
2007-2008	Chief Scientist Tamarix Ventures, which focuses on Israel-related cleantech investments and head of the advisory committee of the Ramco Green Fund at the Ramco investment house.
2003-2006	Director General Israel Ministry of the Environment, Jerusalem Responsible for advancing the state of the environment in Israel Oversaw 500 employees and a budget of 220 million shekels.
2000-2003	Deputy Director General for Industries Israel Ministry of the Environment, Jerusalem Responsible for industries with respect to air quality, hazardous substances, industrial waste water and fuels, radiation, noise, business licensing and asbestos.

- 1999-2000      Chief Scientist  
Israel Ministry of the Environment, Jerusalem  
Managed research programs of the Ministry, established relations with international environmental organizations, published technical and professional information, lectured on environmental issues, represented the Ministry in international and national committees, head of professional Ministerial committees.
- 1996-1999      Deputy Chief Scientist  
Israel Ministry of the Environment, Jerusalem  
Head of ad hoc committees, managed research projects, promoted interaction with academia, the Ministry of Science and other ministries, organized and coordinated conferences.
- 1990-1993      Senior Researcher  
A.Y. Laboratories (water treatment consulting firm), Tel Aviv, Israel  
Developed tailor-made solutions for water-related problems in the food, paper, textile and microelectronics industries.
- 1987-1989      Researcher  
Unikoor Biotechnology, Jerusalem, Israel  
Optimized production process and developed an efficient and environmentally safe pesticide.

(c) Significant professional consulting

2006 - Present      Environmental consultant to Eilat Ashkelon Pipeline Co. Ltd.

• **Educational Activities**

(a) Courses taught

Graduate Courses

Environmental Management (Ono Academic College)

**• Publications**(a) Refereed articles and refereed letters in scientific journals

M. Haran, R. Samuels, S. Gabbay and M. Mingelgrin (2002), "Quality Indicators of the State of Chemical Pollution in Israel", *Israel Journal of Chemistry* 42.

M. Haran (1998), "Economic Benefits of Environmental Investment" *Hazardous Compounds*, Vol. 2, No. 3, (Hebrew).

X. Zeng, A. Chung, M. Haran and F. Jordan (1991), "Direct Observation of the Kinetic Fate of a Thiamin- Diphosphate- Bound Enamine Intermediate of Brewer's Yeast Pyruvate Decarboxylase. Kinetic and Regiospecific Consequences of Allosteric Activation", *Journal of the American Chemical Society* 111, 5842.

M. Nitay (Haran), W. Priester and M. Rosenblum (1978), "Lithium Ion Promotion in the Synthesis of Novel Dinuclear Iron-Carbyne Complexes", *Journal of the American Chemical Society* 100, 620.

M. Nitay (Haran) and M. Rosenblum (1977), "Importance of Cationic Assistance in the Reaction of  $M \eta^5(C_6H_5Fe(CO)_2)_2$  Salts with Epoxides", *Journal of Organo-Metallic Chemistry* 136, C23.

I. Agranat, M. Rabinoviz, M. Weissman (Haran) and M.R. Pick (1972), "Geometrical Isomerism in the Dibenzopentafulvalene Series," *Tetrahedron Letters*, 3379.

I. Agranat and M. Weissman (Haran) (1972), "The Spatial Structure of Tetrabenso (5,7) Fulvalene", *Tetrahedron Letters*, 273.

(b) Published scientific reports and technical papers

Haran M. (2013), "Sustainable Consumerism" Ministry of Economics publication, In preparation (Hebrew).

- Haran M. and Shapira T. (January 22, 2012), "Sustainable Consumerism"  
Jerusalem Institute for Israel Studies (Hebrew).
- "Report on the Air Quality Situation in Israel" (March 2011), As a member of a  
committee at the Ministry of Environmental Defense.
- Haran M. Samuels R., Gabai S. and Iusob D (2001), "Environmental Indicators in  
Israel", Publication of the Ministry of the Environment, Jerusalem Israel.
- Haran M. and Zimmerman S. (March 1999), "Green Hotel Guidelines", Publication  
of the Ministry of the Environment, (Hebrew).
- Haran M. and Gabai S. (1999), "Environmental Business Opportunities in Israel",  
Israel's Environmental Technologies and Company Index, Publication of  
the Ministry of the Environment.
- Haran M. (February 1998), "Environmental Business Opportunities in Israel" by  
The Israel Magazine of Industry, Technology & Subcontracting.
- UN Expert on Climate Change (August 5, 1998), "In-depth Review of Ireland  
Second National Communication under the United Nations Framework  
Convention on Climate Change".
- "Environment - An Instrument for Investment", New Era in the Business World.  
*Globes*, October 26, 1998, (Hebrew).
- Haran M., Mingelgrin U. and Samuels R. (March 1998), "Increasing Factory  
Profits via Environmental Investment - A Guide for the Perplexed". (in  
English and Hebrew). Prepared for a conference on Economic Benefits of  
Environmental Investment at the Factory Level, held in Herzliya, Israel.  
(Head of the Organizing Committee - Haran, M.).
- Haran M. et al. (January 1997), "Recommendation for Flue-Gas Cleaning  
Systems", Report of the Committee on Scrubbers for Power Station  
Rutenberg B of the Israel Electrical Company.
- Haran M. et al. (June 1997), "Guidelines for Environmentally Friendly Buildings",  
Compiled for the Israeli Ministry of Environment. (in Hebrew). Presented at  
a Green Buildings conference, held in Jerusalem, Israel. (Head of the  
Organizing Committee - Haran, M.).
- Haran M., Goldsmith V., Griffis F.H. et al. (1996), "Development of  
Environmentally Responsible Building Guidelines for New York City  
Capital Construction. Final Report to the NYC Mayor's Office of  
Construction".

Clarke M., Goldsmith V., Fillos J. and Haran M. (1995), "A Proposed Plan for an Environmental Assessment of Chinatown," 43p. + 7 appendices.

Haran M., Goldsmith V., Yapijakis C. et al. (1995), "PERC Source Identification and Pollution Prevention Project." Final Report to the NYC DEP. 15p. + 8 appendices.

• **Lectures and Presentations at Meetings and Invited Seminars**

(a) Presentations at informal international seminars and workshops

Lectured at many conferences as a representative of the Ministry of the Environment until 2006.

Served as a specialist on the environment for conferences such as 2013, 2011 (head of a session) - The President's Conference

(b) Seminar presentations at universities and institutions

Presentations at various universities in Israel and abroad about environmental issues. Examples include

January 2014 - Hebrew University, Israel

May 2013 – Tel Aviv University, Israel

February 2010 – SOAS, University of London

February 2008 - Bren School of Environmental Science & Management, University of California, Santa Barbara

• **Research Grants**

1978-1981 - Grant awarded to young researchers doing research in chemistry with medical applications.

1972-1973 - Fohs Fellowship awarded to a foreign student for graduate study in the United States.

• **Volunteering and Contribution to the Community**

2011- Present Member of Mimshak Program Public Council.

The Mimshak Fellowship Program aims to form a leadership made up of young, talented academic graduates, who are trained to act effectively in

the public sector improving the environmental decision making in Israel.

2009- Present Member of the Public Committee of Maala

Maala is a nonprofit organization that ranks Israeli companies according to a corporate social and environmental responsibility index.

2010 Advisor to Kfar Saba's PTA on environmental air quality problems in one of its schools.

2008-2012 Chair of the Environmental Committee of the United Jewish Communities' Tel Aviv - Los Angeles Partnership.

2007-2008 Member of the Israeli Presidential Task Force for promoting the Environment in Israel.

I also give many lectures on the environment in Israel to delegations from organizations such as the American Jewish Congress and AIPAC (The American Israel Public Affairs Committee).