

PERSONAL INFORMATION EFRAT ELIMELECH

 Kiryat Ono, Israel

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EDUCATION

2014 **PhD Candidate**

Department of Natural Resources & Environmental Management, Faculty of Management, Haifa University

Advisors: Prof. Ofira Ayalon, Head, Department of Natural Resources & Environmental Management, Faculty of management, University of Haifa

Dr. Eyal Ert, Senior lecturer of Behavioural Sciences and Management, Department of Environmental Economics and Management, Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem

2004 - 2007 **Master of Arts in Social Science (M.A)**

Department of Natural Resources & Environmental Management, Haifa University, Haifa, Israel

Thesis: Hazardous Waste Management in Israel, Case Study: Haifa Region. Final Grade - 94

Advisors: Prof. Ofira Ayalon, Dr. Bernanda Flicstein

Consultation: Prof. Yoram Avnimelech

Dean's List, Final Grade – 95

2001 - 2004 **Bachelor of Arts in Business and Management (B.A)**

Guilford Glazer School of Business & Management, Ben Gurion University of the Negev, Be'er-Sheva, Israel

Guided research: Endowment Effect and the Discounted Utility Theory - Experiment in Measures of Lottery Ticket Value

Graduate with distinction, Final Grade – 88

WORK EXPERIENCE

2014 - to date **Environmental Consultant (freelance)**
[Consultancy](#)

2007 - 2014 **Executive**
Seagull Environmental Planning Ltd, Israel

- Designer of municipal solid waste master plans for a wide range of municipalities in Israel
- Management of environmental audits and surveys, including the National Survey of the Israeli Municipal Solid Waste Composition, funded by the Ministry of Environmental Protection
- Designer of municipal solid waste disposal tenders
- Consulting and planning of solid waste source separation schemes
- Editor of business plans as a decision making tool
- Consulting on local legislation and garbage fees
- Writing procedures and instructions, including within the framework of local legislation and licensing businesses
- Experience in raising funds through the Maintenance of Cleanliness Fund
- Budget control
- Team management

[Consultancy](#)

2006 - 2009 **Research Assistant**
**Samuel Neaman Institute for Advanced Studies in Science and Technology,
Environmental Department, Technion - Israel Institute of Technology**

Public policy research focusing on finding solutions to national challenges in environmental issues, e.g: hazardous waste, water resources, biofuels, renewable energy etc.

[Research Institute](#)

2006 **Teaching Assistant**
**Haifa University, Department of Natural Resources & Environmental Management
[Academy](#)**

PUBLICATIONS

[Articles in Refereed Journals](#) E. Elimelech, O. Ayalon, B. Flicstein, Hazardous waste management and weight-based indicators - The case of Haifa Metropolis, J. Hazard. Mater. (2010), doi: 10.1016/j.hazmat.2010.09.064 (I.F 4.7).

- Scientific Publications**
- Ayalon, O., Baron, Y., Elimelech, E., 2009, Enlarging Water supply in Israel through Non Revenue Water (NRW) Reduction and Prevention of Sewage Leakage, S. Neaman Pub, 105 pp, (Hebrew).
 - Avnimelech Y., Ayalon O., Elimelech, E., Novik A., 2008, Source Separation of Waste in Haifa, S. Neaman Pub, 59 pp, (Hebrew).
 - Ayalon, O., Elimelech, E., Goldrath, T., 2008, The role of Israel in the global bioethanol market Summary and recommendations of the 9th assembly of the energy forum at SNI, S. Neaman Pub, 28 pp, (Hebrew).
 - Ayalon, O., Avnimelech, Y., Elimelech, E., Flikshtein, B., Goldrath, T., Novik, A., 2008, National Environmental Priorities of Israel – solid and hazardous waste, S. Neaman Pub, 69 pp, (Hebrew).
 - Ayalon, O., Elimelech, E., Spenser, J., Zaban, H., Lev-On, M., Lev-On, P., 2008, Bioethanol in Israel: global context, research, planning and policy, S. Neaman Pub, 160 pp, (English).
 - Ayalon, O., Elimelech, E., 2007, Let the Sun Shine in - The Possible Role of Israeli Solar Technologies in The Meadowlands' Renewable Energy Efforts, S. Neaman Pub, 53 pp, (English)

HONOURS AND AWARDS

Thesis: "Hazardous Waste Management in Israel, Case Study: Haifa Region" awarded for Excellence in Research at the 36th Annual conference of the Society for Ecology and Environmental Quality Sciences (Contel Award).

PRESENTATIONS AT CONFERENCES

- 36th Annual conference of the Society for Ecology and Environmental Quality Sciences, Technion, Israel, 17-18 June, 2008
- 1st International Conference on Hazardous Waste Management, Chania, Crete, Greece, 1-3 October, 2008

PERSONAL SKILLS

Mother tongue(s)	Hebrew English - Proficient user
Computer skills	good command of Microsoft Office™ tools