

Ruslana Rachel Palatnik Ph.D. in economics, the joint program of the University of Haifa and the Technion-Israel Institute of Technology, (Israel, 2008) and a Master degree in economics, the joint program of the University of Haifa and the Technion-Israel Institute of Technology. Dr. Palatnik is a Senior Lecturer in economics at the Yezreel Valley College, Israel, and the Research Fellow at the Natural Resources and Environmental Research Center (NRERC), University of Haifa, Israel. She joined Fondazione Eni Enrico Mattei in 2007 in the Climate Change Modelling and Policy programme, where she was developing new integrated assessment modelling for climate-change impact and climate-change mitigation and adaptation policy evaluation focusing on agriculture, and land and water managing. In 2015-16 she was visiting researcher at the Department of Agricultural and Resource Economics, University of California at Berkeley where she was analyzing the economic aspects of biofuels. She developed a Computable General Equilibrium model of the Israeli economy and has been conducting climate change adaptation and mitigation policy analyses. Her recent publication evaluates the impact of water scarcity on the Israeli economy when water adaptation technologies include water recycling and various levels of desalination capacity. In addition, she carried out econometric researches on external costs and economic incentives in solid waste management. Her research interests are climate change economics, environmental policy evaluation, energy economics, and water management.

In the last few years she has been involved as Project Coordinator and Co-PI in the following projects:

- "The Mediterranean Sea and Israeli Society" funded by a philanthropic organization.
- "Analysis of Climatic Change Impact on Water Management and Agriculture in Israel". Water Authority, Israel.
- "The Costs and Benefits of Green Schools in Israel" The Ministry of Environmental Protection, Israel.
- FACCE-JPI Knowledge Hub "Climate change risk assessment for European agriculture and food security"

Selected publications

1. **Palatnik R.**, O. Ayalon and M. Shechter, (2005), "[Household Demand for Waste Recycling Services](#)", Environmental Management 35(2) pp. 121-129. DOI: 10.1007/s00267-004-0044-7 **IF 1.857, IF5 2.297, V, Cites: WoS= 15, S=14.**
2. **Palatnik Ruslana R.**, Iddo Kan, Mickey Rapaport-Rom, Andrea Ghermandi, Fabio Eboli and Mordechai Shechter. (2011) "[Integration of general and partial equilibrium agricultural land-use transformation for the analysis of climate-change in the Mediterranean](#)" Climate Change Economics. Volume 2, Issue: 4(2011) pp. 275-299. **IF 2.7, IF5 3.5, V, Cites: WoS=0.**
3. **Palatnik R.** and R. Roson, (2012) "[Climate Change Assessment and Agriculture in General Equilibrium Models: Alternative Modeling Strategies](#)". Climatic Change. 112:1085–1100. Publisher: Springer Netherlands. **IF 3.34, IF5 3.12, V, Cites: WoS= 2, S=3.**
4. **Palatnik, Ruslana Rachel** and Paulo A.L.D. Nunes (2014) "[Economic Valuation of Climate Change induced Biodiversity Impacts on Agriculture: results from a macroeconomic application to the Mediterranean basin](#)", Journal of

Environmental Economics and Policy (JEEP), Volume 4, Issue 1 pp. 45-63. **IF 0.4, IF5 0.43, V, Cites: WoS= 0, S=0.**

5. Sinabel F., F. Bower, M. Banse and R.R. **Palatnik** (2014) [Introduction to the special issue: The economics of European agriculture under conditions of climate change](#) (Editorial). German Journal of Agricultural Economics, Volume 63 (2014), Number 3: 131-132. **IF 0.42, IF5 0.87, V.**
6. Baum Zvi, **Palatnik**, Ruslana Rachel, Iddo Kan and Mickey Rappaport-Rom "Economic Impacts of Water Scarcity under Diverse Water Salinities" (2016) [Water Economics and Policy \(WEP\), Special Issue on Economics of Salinity Impacts and Management. WEP 02\(01\).](#) **IF 0.15, IF5 0.15, V.**
7. **Palatnik** Ruslana Rachel and David Zilberman (In Press). Economics of Natural Resource Utilization – The Case of Macroalgae. In Modeling, Dynamics, Optimization and Bioeconomics II, Eds. A. Pinto and D. Zilberman. Springer.