

Name: Ruslana Rachel Palatnik

Date: 13/11/2011

CURRICULUM VITAE

1. Personal Details

Name: Ruslana Rachel Palatnik

Date of Birth: 01/04/1978

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2. Higher Education

Period of Study	Name of Institution and Department	Degree	Date of Degree
1996-1999	Department of Economics, the University of Haifa, Israel	B.A. in Economics and Management	August 1999
1999-2002	Department of Economics, University of Haifa and the Technion – Israel Institute of Technology, Israel	M.A. in Economics	August 2002
2004-2008	Department of Economics, University of Haifa and the Technion – Israel Institute of Technology, Israel	Ph.D. in Economics	March 12, 2008

3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
2000-2002	Department of Economics, the University of Haifa	Teaching Assistant
1998-2007	NRERC-Natural Resources and Environmental Research Center, the University of Haifa, Israel.	Researcher
2003-2007	The School of Management and Economics, Academic College of Tel Aviv-Yaffo; visiting position	Adjacent Lecturer
2003-2007	Faculty of Industrial Engineering and Management, Technion– Israel Institute of Technology; visiting position	Adjacent Lecturer
2004-2007	Department of Economics, University of Haifa; visiting position	Adjacent Lecturer
2007 -2008	FEEM – Fondazione Eni Enrico Mattei, Italy. Hosts: Prof. Carlo Carraro and Prof. Roberto Roson	Post-Doctorate
2008-present	FEEM – Fondazione Eni Enrico Mattei, Italy.	Senior Researcher
2008-present	NRERC-Natural Resources and Environmental Research Center, the University of Haifa, Israel.	Senior Researcher
2009 - present	Department of Natural Resource and Environmental Management, the University of Haifa; visiting position	Adjacent Lecturer
2008-present	Department of Economics and Management, The Max Stern Academic College of Emek Yezreel; regular position	Lecturer - present rank

4. Offices in University Academic Administration

2011-present Student Affairs Advisor Department of Economics and Management The Max Stern Academic College Of Emek Yezreel, Israel.

2011-present Deputy Director, NRERC- Natural Resource and Environmental Research Center, University of Haifa, Israel

5. Scholarly Positions and Activities outside the University

a. **Member in Professional Organizations:**

2004-present EAERE-European Association of Environmental and Resource Economists

2004-present Israel Economic Association

b. **Reviewer**

2009-present: Ecological Economics, Elsevier.

2011-present: Environment and Development Economics, Cambridge University Press.

6. Participation in Scholarly Conferences

a. Active Participation

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion/Comments
June 19-20, 2000,	Annual conference of the Society for Ecology and Environmental Quality Sciences	Haifa, Israel	Assessment of Demand for Recycling Services of Solid Waste
June 14, 2001	CARESS 2001- Second Annual Conference on Active Research by Environmental Sciences Students	Weizmann Institute of Science, Rehovot, Israel	Assessment of Demand for Recycling Services of Solid Waste
January 18, 2002	The 32 Annual Conference of the Israel Environmental Science Association	Tel Aviv, Israel	Assessment of Demand for Recycling Services of Solid Waste
May 8, 2002	The 18 Annual Conference of the Israel Economic Association	Maale Hahamisha Congress Center, Israel	Assessment of Demand for Recycling Services of Solid Waste
June 25-28, 2004	Annual Conference of European Association of Environmental and Resource Economists (EAERE)	Budapest, Hungary	Household Demand for Waste Recycling Services
May 30, 2006	The 22 Annual Conference of the Israel Economic Association	Maale Hahamisha Congress Center, Israel	Incorporating Economic Incentives in Reducing Greenhouse Gas Emissions under the Kyoto Protocol: The Case of Israel
March 13, 2007	The conference on Economic Tools in Environmental and Natural Resource Management. The Faculty of Agriculture in Rehovot.	The Hebrew University of Jerusalem	Economic Incentives for Implementation of the Kyoto Protocol.
May 30, 2007	The 23 Annual Conference of the Israel Economic Association	Maale Hahamisha Congress Center, Israel	Analysis of the Impact of Economic Incentives to Control Greenhouse Gas Emissions within the Framework of a General Equilibrium Model of the Israeli Economy
June 13, 2008.	The Eleventh Annual Conference on Global	Helsinki, Finland	Can Climate Change Mitigation Policy Benefit the Israeli

	Economic Analysis		Economy? A Computable General Equilibrium Analysis
July 2-4, 2008.	International Conference on Policy Modeling EcoMod2008	Berlin, Germany	Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis
July 2-4, 2008.	International Conference on Policy Modeling EcoMod2008	Berlin, Germany	Climate Change Assessment and Agriculture in General Equilibrium Models: Alternative Modeling Strategies
July 4-5, 2008.	Summer School in Resource and Environmental Economics - Space in Unified Models of Economy and Ecology	Venice, Italy	Assessing Climate Change Impacts: A Dynamic CGE Modeling for Israel
July 4-5, 2008.	3rd Atlantic Workshop on Energy and Environmental Economics Climate Change Policies After 2012	Toxa, Spain	Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis
November 17, 2008	Conference on "Technologies and Environmental Management", Ort Braude College	Carmiel, Israel	A CGE Model for Assessment of GHG Abatement Costs in Israel
June 25-27, 2009.	Annual Conference of European Association of Environmental and Resource Economists (EAERE)	Amsterdam, Holland.	Israeli Economy and Potential Post-Kyoto Targets
October 5-7, 2009	XEROCHORE workshop on Impacts of Droughts	Venice, Italy	Participation in Panel Discussion.
June 2, 2010	The 26 Annual Conference of the Israel Economic Association	Maale Hahamisha Congress Center, Israel	Valuation of Linkages Between Climate Change, Biodiversity and Productivity of European Agro-Ecosystems
June 28-July 2nd, 2010	4th World Congress of Environmental and Resource Economists	Montreal, Canada	Valuation Of Linkages Between Climate Change, Biodiversity And Productivity Of European Agro-Ecosystems
June 6, 2011	The 27 Annual Conference of the Israel Economic Association	Maale Hahamisha Congress Center, Israel	Climate change policy in Israel
June 16-	The 14th Annual	Venice,	Land transformation analysis

18, 2011	Conference on Global Economic Analysis	Italy	and application
June 29- July 2, 2011	European Association of Environmental and Resource Economists 18th Annual Conference	Rome, Italy	Land transformation analysis and application
October 28-29, 2011	The Arab Peace Initiative and Israeli-Palestinian Peace: The Political Economy of a New Period	Paris, France	Environmental cooperation

b. Organization of Conferences or Sessions

Date	Name of Conference	Place of Conference	Subject of Conference/ Role at Conference/ Comments
October 6, 2010	International workshop on "The economics of climate change in the Mediterranean region"	Tel Aviv University, Israel	Member of scientific and steering committees.
October 7, 2010	CIRCE EU FP6 project, RL10 meeting	University of Haifa, Israel	Steering and organizing committee
March 30-31, 2011	Conference on preparation and coping with emergency situations, following climate change	University of Haifa, Israel	chair of the session on economic aspects of climate change in Israel
June 6, 2011	The 27 Annual Conference of the Israel Economic Association	Maale Hahamisha Congress Center, Israel	Organizer and chair of the session on environmental economics
November 1-2, 2011	Climate change-challenges, costs, R&D	Ofer Observatory, Eshkol Building, University of Haifa	Co-Organizer of the conference and chair of the session on environmental economics

7. Colloquium Talks and other Invited Addresses

a. Colloquium Talks

Date	Place of Lecture	Name of Forum	Presentation/Comments
December 5, 2006.	Naaman Institute, Technion - Israel Institute of Technology, Haifa, Israel	Course "Environmental management in Municipalities"	Economic Aspects in Environmental Management

b. Invited Addresses

Date	Place of Lecture	Name of Forum	Presentation/Comments
September 25, 2007	Venice, Italy	CCMP Seminar, FEEM-Fondazione Eni Enrico Mattei	Assessing the Impact of Greenhouse Gas Emission Controls within the Framework of a General Equilibrium Model of the Israeli Economy
November 27 th , 2007	Milan, Italy.	Climate Change Modeling and Policy group, Fondazione Eni Enrico Mattei	Modeling Day
December 6, 2007.	Venice, Italy	CCMP-IEM Seminar, FEEM-Fondazione Eni Enrico Mattei	Land Allocating Models for Future Coupling with ICES
January 23, 2008	Division of Air quality, Ministry of Environmental Protection, Jerusalem, Israel.	Discussion of the cross-ministerial commission on Israel preparing to GHG emission reduction	"Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis"
February 24, 2008	The Hebrew University, Rehovot, Israel	Department Seminar, The Department of Agricultural Economics and Management	Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis
February 28, 2008	The University of Haifa, Israel	Department Seminar, The Department of Economics	Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis
March 17-18, 2008	Venice, Italy.	Fondazione Eni Enrico Mattei	Modeling Technology Oriented RD&D Strategic Cooperation for Climate Change Mitigation: Methodological Issues and Alternative Policy Scenarios
April 14, 2008	Venice, Italy.	Center for Environmental Economics and Management of the Department of	Impacts of Climate Change and Biodiversity Effects

		Economics, Ca' Foscari University Venice, in co-operation with the European Investment Bank	
June 3, 2008	Venice, Italy	CCMP-IEM Seminar, FEEM-Fondazione Eni Enrico Mattei	Issues in AGE Modeling for Climate Change Analyses: Water, Land Use Change and Agriculture
September 8, 2008.	Jerusalem, Israel	Seminar for the Research Department, The Bank of Israel	Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis
November 6, 2008.	Venice, Italy.	CCMP-IEM Seminar, FEEM-Fondazione Eni Enrico Mattei	Modelling for Global Virtual Water Analysis
November 7, 2008.	Venice, Italy.	3rd Intra-RL10 Meeting, CIRCE Project	Upgrading Land Allocation Decision in a CGE Model
December 16, 2008.	Emek Yezreel, Israel	Department Seminar, The Department of Economics and Management, The Max Stern Academic College Of Emek Yezreel	Computable General Equilibrium Model of the Israeli Economy and Greenhouse Gas Emission Controls
April 7, 2009.	Jerusalem, Israel.	Meeting towards energy tax proposal. The Ministry of Finance	Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis
June 10, 2009.	Haifa, Israel.	Department Seminar, Haifa, Graduate School of Management, The University of Haifa	Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis
November 10, 2009	Tel Aviv, Israel	Economic Department, The Ministry of Environmental Protection	

8. Research Grants

a. Grants Awarded

- The Ministry of Environmental Protection, Israel. 1/3/2011-28/2/2012. Overall Budget NIS 1M; personal budget NIS 243,000. Project Coordinator and Co-PI. "Israel Climate Change Information Center: Economic Aspects".
- The Ministry of Infrastructures, Israel. 1/8/2011-31/7/2014. Overall Budget NIS 2M; personal budget NIS 300,000. Project Coordinator and Co-PI. "Master Plan for Energy in Israel".
- AIX group and Peres Piece Center. 1/2/2011-31/1/2012. Budget Euro 5000. PI. "Cooperation in Environment and Water".
- The Ministry of Environmental Protection, Israel. 1/1/2011-31/12/2012. Overall Budget NIS 186,000; personal budget NIS 93,000. Project Coordinator and Co-PI. "Long term analysis of climatic change impacts on insurance market and the Israeli economy".
- Water Authority, Israel. 1/6/2010-31/5/2013. Overall Budget NIS 350,000; personal budget NIS 144,000. Project Coordinator and Co-PI. "Analysis of Climatic Change Impact on Water Management and Agriculture in Israel".
- The Ministry of Environmental Protection, Israel. 1/4/2009-31/12/2010. Overall Budget NIS 114,000; personal budget NIS 60,000. Project Coordinator and Co-PI. "Analysis of the Impact of Economic Incentives to Control Greenhouse Gas Emissions within the Framework of a Dynamic General Equilibrium Model of the Israeli Economy"
- The Ministry of Environmental Protection, Israel. 1/8/2009-31/7/2010. Overall Budget NIS 200,000, personal budget NIS 30,000. Consortium partner and Co-PI. Partners: Samuel Neaman Institute and Kivun Strategy. Title: "Deployment of the Ministry of Environmental Protection Towards Copenhagen Negotiations".
- XEROCHORE Support Action founded by European Commission under the FP7 – Theme 6, Environment (Including Climate Change). 1/4/2008-31/3/2011. Overall Budget EUROS 500,000, personal budget EUROS 15,000 Senior Researcher. Partners: 11 core partners from all over Europe.
- Climate Change and Impact Research: the Mediterranean Environment (CIRCE) The Socioeconomic Workpackage. 6th Framework Program, EU. 1/4/2007-31/3/2011. Overall Budget EUROS 1,500,000 personal budget EUROS 15,000. Investigator. Partners: 60 core partners from Mediterranean countries. Publications: F3, H1, H4, K3

b. Submission of Research Proposals

- **Research proposals under review:**
 - Proposal submitted to GOOGLE Research Awards. Title: Economic Incentives to Control Greenhouse Gas Emissions within the Framework of a Dynamic General Equilibrium Model of the Israeli Economy. Budget US \$ 65,000; duration 12 months.

- Proposal submitted to FACCE-JPI Knowledge Hub "Climate change risk assessment for European agriculture and food security". Duration 36 months.

- **Rejected Research proposals**

- Proposal submitted to BSF - United States - Israel Binational Science Foundation Energy Program 2010841. Title: Renewables and energy efficiency options for sustainable -cost-efficient climate mitigation policies. Budget US \$ 100,000; duration 24 months.
- Proposal submitted to MARIE CURIE ACTIONS, Intra-European Fellowships (IEF), Call: FP7-PEOPLE-2007-2-1-IEF. Title: Economic Assessment of Climate Change Impacts on Agricultural Land Use. Evaluation: 79.
- Proposal submitted to MARIE CURIE ACTIONS, Intra-European Fellowships (IEF), Call: FP7-PEOPLE-IEF-2008. Title: Systematic Modeling of Water, Land Use Change and Agriculture for Comprehensive Climate Change Analysis. Evaluation: 82.
- Proposal submitted to European Commission, FP7 Cooperation Work Programme 2008: Environment (including climate change). Title: Economic Impacts of Biofuel Use to Mitigate Climate Change. Evaluation 13 out of 15.
- Proposal submitted to European Science Foundation for conference organization. 2008. Title: Entre-Sciences Conference on Fuel, Forestry and Food. Evaluation 13.5 out of 15.
- Proposal submitted to the Ministry of Science, Culture and Sport. Calls for 2009. Title: Energy, Water And Environmental Sustainable Development Of Israel In Light Of Climatic Changes- A Computable General Equilibrium Analysis. Evaluation not provided.
- Proposal submitted to European Commission, Thematic Programme for Environment and sustainable management of natural resources, including energy. Title: Policy Incentives For Renewable Energy In Israel. Budget Euros 500,000, duration 36 months.
- Proposal submitted to the Ministry of Environmental Protection, Israel. Title: Long term analysis of climatic change impacts on insurance market and the Israeli economy. Budget NIS 276,000; duration 36 months.

9. Scholarships, Awards and Prizes

a) **Scholarships**

- Department of Economics, University of Haifa Graduate Scholarship, 2001-2003.
- The University of Haifa, Graduate Scholarship, 2004-2007.
- FEEM-Fondazione Eni Enrico Mattei, Italy, Post-doctoral Fellowship, 2007-2008.
- Training course on "Contributing I-O Tables to the GTAP Data Base" organized by the Center for Global Trade Analysis, Purdue University, held in the Government Institute for Economic Research (VATT) in Helsinki, Finland. Accepted into the course and have been awarded the course scholarship. June 15th – 16th, 2008

b) **Awards**

- Paper publication award of the Chief Scientist, The Ministry of Environment, 2003.

10. Teaching

a. Courses Taught in Recent Years

Year	Name of Course	Type of Course	Degree B.A./M.A./M.Sc/Ph.D.
2009-present	Energy Economics	Lectures	M.A.
2009-present	Econometrics	Lectures	B.A.
2009-present	Macro Economics B	Lectures	B.A.
2008-present, 2003-2006	Environmental Economics	Lectures	B.A.
2008-present, 2004-2006	Natural Resource Economics	Lectures	B.A.
2008-present	Public Economics	Lectures	B.A.
2005, 2010	Introductory Macro Economics	Lectures	B.A.
2005, 2010- present	Introductory Micro Economics	Lectures	B.A.
2003	Advanced Econometrics	Practice	M. A.
2000	Advanced Macroeconomics	Practice	M. A.
2001-2002	Macroeconomics	Practice	B.A.
2002	Econometrics	Practice	B.A.

b. Supervision of Graduate Students

Name of Student	Title of Thesis	Degree	Date of Completion / in Progress	Details of Publication
Goldman G., G. Yossef and E. Markovich	Structuring of the CO ₂ Tradable Permits System: the Case of Israel	B. A.	2005	The project was awarded as "Outstanding Project in Economics for 2005", The Faculty of Industrial Engineering & Management, Technion – Israel Institute of Technology.
Helena Faitelson	Greenhouse Gases Abatement Policy Alternatives for the Israeli	M.A.	2011	Advisor for the thesis. Supervisors are: Prof. Mordechai Shechter and Prof. Avner Halevi

	Economy: A General Equilibrium Analysis			
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c. **Supervision of Post-Graduate Students**

Name of Student	Title of Thesis	Degree	Date of Completion / in Progress	Details of Publication
Ayelet Davidovich	Climate change impact on insurance market and the economy in Israel	PhD	In Progress	Supervisor with Prof. Mordechai Shechter and Prof. Ofira Ayalon
Helena Faitelson	Analysis of the Impact of Economic Incentives to Control Greenhouse Gas Emissions within the Framework of a Dynamic General Equilibrium Model of the Israeli Economy	PhD	In Progress	Supervisor with Prof. Mordechai Shechter and Prof. Ofira Ayalon

11. **Miscellaneous**

Participation in professional workshops:

- International Workshop on "Economics of Natural Disasters- Bridging Disaster Risk Reduction and Climate Adaptation Efforts and Strategies" organized by Fondazione Eni Enrico Mattei (FEEM), International Center for Climate Governance (ICCG), the Euro-Mediterranean Centre for Climate Change (CMCC) and the International Institute for Applied Systems Analysis (IIASA), February 10-11, 2011.
- Energy Economics, organized by the Israeli Institute for Energy and Environment, June 1-29, 2010.
- Post-2012 International Policy Architecture for Global Changes, organized by the Harvard project on International Climate Change Agreements, the International Center on Climate Governance and the Euro-Mediterranean Centre for Climate Change. May 16th, 2008. Venice, Italy.
- EAERE - FEEM - VIU Summer School in Resource and Environmental Economics - Space in Unified Models of Economy and Ecology, Venice, Italy. Accepted to participate and have been awarded the course scholarship. July 6th – 12th, 2008
- CESifo-Venice Summer Institute Workshop on Europe and Global Environmental Negotiation Venice International University, San Servolo, 14-15 July 2008

COMPUTER SKILLS AND COMPETENCES

MICROSOFT OFFICE (WORD, EXCEL, POWERPOINT), SPSS, Eviews, STATA, GAMS, GTAP package

RELATED EXPERIENCE

Ballroom Dance School Manager, Akko, Israel, 1999-2007. Ballroom dance teacher for beginners and advanced students age 5 to 80. National level competition organization, book-keeping, competition judging. I received an excellent worker award for 2006-2007 of the Israel Association of Community Centers.

PUBLICATIONS

Note: For joint publications, the order of the listed authors appears according to their relative contribution.

A. Ph.D. Dissertation

Title: "Assessing the Impact of Greenhouse Gas Emission Controls in the Framework of a General Equilibrium Model of the Israeli Economy." March 2008. 98 pages. [English]
Ph.D. in Economics, the joint program of the University of Haifa and the Technion – Israel Institute of Technology, Israel. Supervisor: Prof. Mordechai Shechter. (C1, D3, F1, F2)

B. Scientific Books (Refereed)

None

C. Monographs

C1. Palatnik R. R. (2009), 'Economics of Climate Policy Impacts- Applied General Equilibrium Analysis for Israel'. VDM Verlag Dr. Muller Aktiengesellschaft & Co. KG, Saarbrucken, Germany. 112p.

D. Articles in Refereed Journals

Published

- D.1 **Palatnik R.**, O. Ayalon and M. Shechter, (2004), " Household Demand for Solid Waste Recycling Services", *Economic Quarterly* 51(3) pp. 413-430. Publisher: Am Oved in cooperation with The Israel Economic Association and Ben-Gurion University of the Negev. [Hebrew].
- D.2 **Palatnik R.**, O. Ayalon and M. Shechter, (2005), "Household Demand for Waste Recycling Services", *Environmental Management* 35(2) pp. 121-129. Publisher: Springer-Verlag New York
- D.3 **Palatnik R.** and M. Shechter, (2008), "Assessing the Impact of Greenhouse Gas Emission Controls within the Framework of a General Equilibrium Model of the Israeli Economy", *The Economic Quarterly* 55(4) pp. 545-573. Publisher: Urim Publications in cooperation with the Israel Economic Association [Hebrew].
- D.4 **Palatnik R.** and P.A.L.D. Nunes, (2010) "Valutazione delle relazioni tra cambiamenti climatici, biodiversita e produttivita dei sistemi agro-forestali in Europa". AGRIREGIONIEUROPA, AssociazioneAlessandroBartola: studi e ricerche di economia e politica agrarian: Special Issue on Climate change and agriculture: adaptation, mitigation and food security, 6(21). ISSN: 1828 – 5880

- D.5 **Palatnik** R. and M. Shechter, (2010), “The Israeli Economy and Potential Post-Kyoto Targets”, *Israel Economic Review* Vol. 8, No. 1 (2010), 21–43.
- D.6 **Palatnik**, Ruslana Rachel and Mordechai Shechter (2010) Assessing the Economic Impacts of Climate Change Using a CGE Model with Decentralized Market Instruments. *Journal of Siberian Federal University. Humanities & Social Sciences* 6 (2010 3) 912-923. http://elib.sfu-kras.ru/bitstream/2311/2076/1/09_Palatnik.pdf

Accepted for Publication

- D.7. **Palatnik** R. and R. Roson. “Climate Change Assessment and Agriculture in General Equilibrium Models: Alternative Modeling Strategies”. *Climatic Change*. Publisher: Springer.
- D.8. **Palatnik** Ruslana R., Iddo Kan, Mickey Rapaport-Rom, Andrea Ghermandi, Fabio Eboli and Mordechai Shechter."Land transformation analysis and application" *Climate Change Economics*. Publisher: World Scientific.
- D.9. **Palatnik** R. "Israeli policy towards reaching Cancun pledge: A comparison of actions in plan and economically efficient measures" *Finance and Business*. ISBN: 1814-4802 [Russian].

E. Articles or Chapters in Scientific Books **(which are not Conference Proceedings)**

None

F. Articles in Conference Proceedings

Published

- F1. **Palatnik**, Ruslana Rachel and Paulo ALD Nunes (2010) "Valuation of Linkages Between Climate Change, Biodiversity And Productivity Of European Agro-Ecosystems", Presented at the 4th World Congress of Environmental and Resource Economists (WCERE), Montreal, Canada. June 28 - July 2. 40 pages. <http://www.webmeets.com/WCERE/2010/Prog/viewpaper.asp?pid=1161>
- F2. **Palatnik**, Ruslana Rachel and Mordechai Shechter (2009) “Israeli Economy and Potential Post-Kyoto Targets” Presented at the Annual Conference of European Association of Environmental and Resource Economists (EAERE), Amsterdam, Holland. June 25-27, 2009. 34 pages.
- F3. **Palatnik**, Ruslana Rachel and Mordechai Shechter (2008) “Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis” *Environmental Economics Abstracts-WPS* -Vo. 13, No.31; Presented at the 11th Annual Conference on Global Economic Analysis, Helsinki, Finland. 33 pages.
- F4. **Palatnik** Ruslana Rachel, Roberto Roson (2008) “Climate Change Assessment and Agriculture in General Equilibrium Models: Alternative Modeling Strategies” *Proceedings of the EcoMod2008 - International Conference on Policy Modeling*, held in Berlin, Germany, July 2-4, 2008. Eli Bayar (Ed.) EcoMod Press, December 2008, Florence, MA, USA. ISBN: 0-9763295-3-0 <http://www.ecomod.org/files/papers/609.pdf> 26 pages.

G. Entries in Encyclopedias

None

H. Other Scientific Publications

Published

- H1. Ayalon O., Goldrath, T., Nachmany, M., Lev On Group, **Palatnik R. R.**, Faitelson H., Kivun Ltd., 2011. "National Priorities for the Environment in Israel - Position Paper VII- greenhouse gases mitigation plan in Israel, 2011". S. Neaman Publ. 85 pp (Hebrew).
- H2. **Palatnik R. R.** and P. A.L.D. Nunes. (2010) "Economic Valuation of Climate Change and Biodiversity Impacts on Agricultural Productivity". FEEM Working Paper No. 138.2010.
- H3. **Palatnik R. R.** and R. Roson. (2009) "Climate Change Assessment and Agriculture in General Equilibrium Models: Alternative Modeling Strategies". Working Papers Department of Economics Ca' Foscari University of Venice No. 08/WP/2009 ISSN 1827-3580 Available at: http://www.dse.unive.it/fileadmin/templates/dse/wp/WP_2009/WP_DSE_palatnik_roson_08_09.pdf This article was listed on SSRN's Top Ten download list for ERN Public Policy Centers Research Papers.
- H4. Bosello, F., R. Parrado, R. **Palatnik** and F. Eboli (2009) "The integration of climate change impacts on biodiversity into a general equilibrium valuation approach" in Carraro, C., Bosello, F. and P.A.L.D. Nunes (Eds) Impacts of Climate Change and Biodiversity Effects, Final Report, ix + 225 pages, the European Investment Bank, Luxembourg.
- H5. **Palatnik**, Ruslana and Shechter, Mordechai, "Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis" (January 2008). FEEM Working Paper No. 2.2008 Available at SSRN: <http://ssrn.com/abstract=1086316>
- H6. **Palatnik R.** and M. Shechter, (2007), "Assessing the Impact of Greenhouse Gas Emission Controls within the Framework of a General Equilibrium Model of the Israeli Economy-Executive Summary", submitted to the Ministry of Environmental Protection, Israel. [Hebrew] <http://www.sviva.gov.il/bin/en.jsp?enPage=HomePage>
- H7. Bosello Francesco, Enrica De Cian, Fabio Eboli, Ruslana **Palatnik**, Ramiro Parrado (10/2007). Integrated Project CIRCE: Climate Change and Impact Research- The Mediterranean Environment. *D10.5.1 – Energy Market Survey*. Project No. 036961 (GOCE) – CIRCE. Sixth Framework Programme. 6.3 Global Change and Ecosystems. <http://www.circeproject.eu/index.php>

I. Other Publications

None

J. Other Works Connected with my Scholarly Field

K. Books, Articles and Other Works Submitted for Publication

Articles submitted for publication in refereed journals

- K1. Palatnik R. and M. Shechter, "Analyzing the Impacts of Potential Post-Kyoto Targets on the Israeli Economy", *Journal of Policy Modeling*. Publisher: Elsevier
- K2. Palatnik R. and M. Shechter, "Can Climate Change Mitigation Policy Benefit the Israeli Economy? A Computable General Equilibrium Analysis", *Environment and Development Economics*. Publisher: Cambridge.
- K3. Palatnik, Ruslana Rachel and Paulo ALD Nunes "Valuation of Linkages Between Climate Change, Biodiversity And Productivity Of European Agro-Ecosystems", *European Review of Agricultural Economics (ERAE)*, Publisher: Oxford.
- K4. Palatnik, Ruslana Rachel and Mordechai Shechter "Israeli Climate Policy", *Climate Policy*.
- K5. Palatnik, Ruslana Rachel, Iddo Kan, Mickey Rapaport-Rom, Andrea Ghermandi, Fabio Eboli and Mordechai Shechter. Land transformation analysis and application. *Climate Change Economics*. Publisher: World Scientific Journals.
- K6. Palatnik, Ruslana Rachel, Helena Faitelson and Mordechai Shechter. "Israeli policy towards reaching Cancun pledge: A comparison of actions in plan and economically efficient measures". *Environmental economics*, Publisher: Business Perspectives

L. Summary of my Activities and Future Plans

My main fields of interest are climate change economics, environmental policy evaluation, agriculture, energy, economic modelling and econometric analysis. I am particularly interested in evaluating economic impacts of climate change on the national and the international level and effectiveness of climate change mitigation policies. My other interests lie in the analyses of water use, biodiversity and economic growth.

- **Current Research**

Computable General Equilibrium Analyses of Climate Change Impact on Mediterranean Economies

I am currently working at the FEEM -Fondazione Eni Enrico Mattei in the Computable General Equilibrium Modelling and Policy programme on the FP6 project named CIRCE – Climate Change and Impact Research – the Mediterranean Environment. Within the project I have developed the Computable General Equilibrium (CGE) of the world economy, having a special focus on the Mediterranean economies. In due course, I will employ the model as a "common denominator" for the analysis of socio-economic impacts of climate change, allowing a comparison of the different effects and an evaluation of their importance and criticality.

Climate Change Assessment and Agriculture

In parallel to the project above, I work with Prof. Roson from the Università Cá Foscari di Venezia, Italy, on climate change assessment and agriculture in General Equilibrium models. My aim is to improve the representation of the agricultural sector in general equilibrium models.

The Economic Impact of Water Supply

In collaboration with Prof. Roson and Dr. Bosello from the Fondazione Eni Enrico Mattei, Italy, I attempt to investigate the role of water resources and water scarcity in the context of international trade. In this research I construct a computable general equilibrium model, especially designed to account for water resources and illustrate its potential application for sustainable water supply uses.

Assessing Climate Change Impacts: A Dynamic CGE Modeling for Israel

I have coordinated the submission of a research proposal for a project on “Analysis of the Impact of Economic Incentives to Control Greenhouse Gas Emissions within the Framework of a Dynamic General Equilibrium Model of the Israeli Economy” to the Ministry of Environmental Protection. This project was awarded a research grant and it is currently conducted in NRERC- Natural Resources and Environmental Research Center, the University of Haifa, Israel. In my PhD thesis I have quantified the economy-wide consequences for Israel of meeting the targets of the Kyoto Protocol, employing a static CGE model of the Israeli economy. The aim of this study in progress is to quantify the economy-wide consequences for Israel of meeting potential targets of Post-Kyoto agreement, employing a dynamic CGE model of the Israeli economy with bottom-up information on abatement techniques. This information will be used to ensure a proper assessment of the direct and indirect economic costs of environmental policy in Israel.

- **Future Research Goals**

Economic Impacts of Biofuels

I have coordinated the submission of a research proposal for a Collaborative Project on Economic Impacts of Biofuel Use to Mitigate Climate Change to the EU commission 7th Framework Programme on Research, Technological Development and Demonstration (submitted on February 26, 2008). The proposed project aims to provide a detailed analysis of large-scale implementation of biofuel programs which have profound global economic, environmental, and social consequences.

Biodiversity and Climate Change

In cooperation with Dr. Bosello and Dr. Nunes from the University of Milan and Fondazione Eni Enrico Mattei, Italy, I attempt to assess the economic costs of climate-related biodiversity losses using CGE modeling and micro-econometric valuation tools. Ultimately, this study aims to contribute to a better basis for public decision making regarding biodiversity protection.