

MORDECHAI (Moti) SHECHTER
Curriculum Vitae

Office Address:

Senior Research Fellow
Natural Resource & Environmental Research Center
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Higher education

1964 B.Sc., University of Houston, Texas, *Summa cum Laude*
Agricultural Economics
1968 Ph.D. Iowa State University, Agricultural Economics

Present and Recent Academic Positions

Professor (Emeritus), Department of Economics, University of Haifa (4/2008 -)
President, Tel-Hai Academic College, Upper Galilee (on leave-of-absence from the U. of Haifa), 2000-2005.
Chair (and Founder in 1995), Department of Natural Resource & Environmental Management, University of Haifa, 2006 - 2010
Director (and Founder in 1985), Natural Resource & Environmental Research Center, University of Haifa, 1985 - 2010.
Founding-Dean, School of Sustainability, Interdisciplinary Center Herzlyia (IDC), 2010 - 2014

Past University of Haifa Administrative Positions

Rector (Provost) (1994-1997)
Executive Committee, Board of Governors (1984-87, 1992-94)
President Search Committee, Board of Governors (1994)
University Honorary Doctoral Committee (1992-94)
Teaching & Curriculum Committee, School of Education (1992-94)
Steering Committee, School of Social Work (1992-94)
Steering Committee, University Master Plan (1992-93)
Academic Appointments & Promotions committee of the Senate (1990-92)
Steering Committee, Faculty of Law (1989-90)
University Control committee (1988-90)

Executive Management Committee, (1984-87)
Executive Committee, Inter-University Computer Center (1984-85)
Dean of Research (1983-87)
Member, Standing Committee of the University Senate (1983-87, 1992-4)
Member, University Board of Governors (1983-85; 1990-1998)
Chairperson, Senior Faculty Association (1983-84)
Chairperson, University Computer Committee (1983-84)
Chairperson, Department of Economics (1977-1979).

Past academic and visiting positions

1968-77 Lecturer and Senior Lecturer, Faculty of Industrial and Management Engineering, Technion - Israel Institute of Technology, Haifa, Israel
1973-75 Visiting Scholar, Resources for the Future
1981-82 Consultant-in-Residence, Resources for the Future, Washington D.C.
1989 Visiting Scholar, Department of Regional Science, University of Pennsylvania.
1989-90 Visiting Scholar, Royal Agricultural University, Copenhagen, Denmark.
1998 Visiting Scholar, C.V. Starr Center for Applied Economics, New York University
1998 Visiting Fellow, Department of Economics, University of Wollongong, NSW, Australia
1985-94 Founder and Head, Natural Resources & Environmental Research Center, University of Haifa.
1980-92 Adjunct Professor, Faculty of Architecture & Town Planning (Regional and Urban Studies Program), Technion - Israel Institute of Technology.

Scholarly and professional offices and activities (recent)

Review Editor, Biodiversity Conservation in Israel Project, Israel Academy of Sciences.
Member, Scientific Board, BIOECON Association
Program Committee, Annual Meeting of the European Association of Environmental and Resource Economists, Rome, June 2011
Program Committee, Annual Meeting of the European Association of Environmental and Resource Economists, Amsterdam, June 2009
Steering Committee of the 15th Forum of the Municipality of Haifa for Pollution Reduction and Climate Protection
Chairperson, Economic Research Projects Committee, Water Authority
Invited speaker, The KAS - BGU - MFA Round Table: Israel and the European Union: Toward an Ever Closer Partnership. Workshop II: Climate Change, April 2008, Brussels
Editorial Board, Environment and Development Economics

Israel's Representative, Management committee, EU COST Action E-45 (Forest Externalities).

Academic Committee, Environmental Policy Center, Jerusalem Institute, 2005-

Country Representative, European Association of Environmental & Resource Economists

Organizing Committee, Socio-economic Impacts of Climate Change in the Mediterranean Region: An International Graduate Course funded by the EU Concerted Action "Research in Global Change in the Mediterranean: A Regional Network" (RICAMARE), at the Abdul Salam International Centre for Theoretical Physics (Trieste, Italy), Nov. 12-16, 2001.

Associate Editor, *Environmental and Resource Economics*.

Editorial Board, *the International Yearbook of Environmental and Resource Economics*, UK: Edward Elgar Publishers.

Vaada Yozemet (Founding Committee) – "BaShaar" – Academic Community For the Israeli Society.

Steering Committee – International Exhibition "Environmental Quality 2000", Ministry of the Environment.

Israeli Delegate, Sub-Committee "Improving the Socio-Economic Knowledge Base," European Commission – Research Directorate-General, Directorate F (Human Potential and Mobility).

Review Editor, IPCC WG-III 3rd Assessment Report.

National Delegate, Management Committee, CANTIQUE: Concerted Action on Non-Technical Measures and Their Impacts on Air Quality and Emissions, European Commission, DG VII (Transport).

Advisory Council, Center for Environmental Policy, Jerusalem Institute for Israel Studies.

Program Committee, 1998 World Congress of Environmental and Resource Economists, Venice, June 1998.

Program Committee, International Conference on "Economic Benefits from Investment in Environmental Quality Improvements at the Firm Level," organized jointly by the Ministries of the Environment, Finance and Trade & Industry. March 1998.

Academic Council, Tel-Hai Academic Regional College.

Chairperson, Committee on the Establishment of a National University Registration Center, Committee of Universities Presidents and Rectors and the Planning & Budgeting Committee for Higher Education.

Advisory Committee, Rosenberg International Forum on Water Resources (Founded by the University of California and the Bank of America).

Public Commission on Setting Universities' Tuition.

Scientific Panel, ENRICH/START Workshop on Global Change in the Mediterranean Region, Toledo, Spain, September, 1996.

Expert Steering Committee on Sustainable Development, Ministry of the Environment, Israel.

Organizing Committee, Meeting on Environmental Sciences, July 1995, Leipzig, German-Israel Foundation for Scientific Research & Development.

Chairperson, Committee on Regional Research & Development Centers, Ministry of Science, Israel, 1995-99.

Organizer, Public Symposia on "Could and Should We Harness Market Forces to Efficiently Manage Our Environmental Resources?" jointly with the Israel Center for Social and Economic Progress, Tel-Aviv, January, 1994.

Organizer, International Workshop on "Economic Aspects of Water Resource Management in the Mediterranean: Quantity and Quality Issues," with a grant from the ENI - Enrico Mattei Foundation, Milan, October, 1993.

Organizer, International Workshop on "Sharing Water Resources in the Middle East," with a grant from the Bertha von-Suttner Research Program of the Jewish-Arab Center at the University of Haifa, Kibbutz Kfar-Blum, Israel, December, 1992.

Organizer, International Symposium on "Environmental Resources in National Income Accounting," with a grant from Ministry of Science and Technology and the Danish Ministry of Education, Kibbutz Ein-Gedi, Israel, December, 1992.

Steering Committee on Recycling, Ministry of the Environment, 1993-4.

Steering Committee on Environmental Epidemiology, Ministry of Health, 1992-4.

Environmental Standards Experts' Committee, Ministry of the Environment, 1985-92.

Editorial Board, Journal of the Environmental and Resource Economics, 1988-1998.

International correspondent, Association of Environmental & Resource Economists (USA).

International correspondent, European Association of Environmental & Resource Economists.

Scientific Advisory Committee, Israel Nature Reserves Authority.

Scientific Advisory Council, Water Commissioner, Ministry of Agriculture.

Committee on Global Change, Ministry of the Environment.

Founding committee, "Bashaar" – Academic Community for Israeli Society

European Science Foundation, Program on Environment, Science & Society, Task Force on "Valuation, Risk and Uncertainty."

Rapporteur, International Conference on an Agenda of Science for Environment and Development into the 21st Century (ASCEND 21), International Council of Scientific Unions, Vienna, November, 1991.

Guest co-editor, Special Issue of Environmental & Resource Economics: Economic Incentives in Environmental Regulation.

Guest editor, Special Issue of Resource and Energy Economics Journal: Economic Aspects of Water Sharing in the Middle East.

Editorial Board, "Environmental Quality" (Hebrew quarterly).

Member, Sub-Committee on the Structure of Israel's Higher Education System, The Blue-Ribbon Committee For the Study of Israel's Higher Education System (The Shochat Committee)

Program Committee, International conference on Privatization in Higher Education,
Neaman Institute, Technion, January 7-8, 2008
Editorial Board, Environment and Development Economics
Program Committee, 16th Annual Conference of the European Association of
Environmental and Resource Economists (EAERE), Gothenburg, Sweden.

Professional affiliations

BIOECON Association
American Economic Association
Association of Environmental and Resource Economists (U.S.A.)
Israel Society for Ecology and Environmental Quality Sciences
European Association of Resource and Environmental Economists
Israeli Economic Association

Research grants (recent)

- Climate Change and Impact Research: the Mediterranean Environment (CIRCE) IP Consortium): The Socioeconomic Work package. 6th Framework Program, EU.
- EU - COST Action E45 (EUROFOREX) – economics of forest externalities
- The Economics of Biodiversity Protection. In Israel's National Plan For Biodiversity Protection. Ministry of Environmental Protection.
- Impact of Climate Change on Israeli Agriculture. Ministry of Environmental Protection.
- Vulnerability of Water Resources due to Climate Change in Eastern Mediterranean Ecosystems: An Integrated Approach to Sustainable Management (GLOWA) (TA University, Bar-Ilan University, Vulcani Institute, Haifa University, Tel-Hai College and several German Scientific Institutions). German Federal Ministry of Education and Research and Israeli Ministry of Science, Culture and Sports.
- Sustainable Treatment and Removal of Solid Waste – An Interuniversity Research Program (Technion, Hebrew University, Vulcani Institute) - Economics module. Ministry of Science, Culture and Sports.
- Strategies for Sustainable Development of Traditional Agricultural Landscapes: The Case of Bet-Netufa Valley in Lower Galilee. Ministry of the Environment.
- **Research In Global Change: A MediterrAnean REgional Network (RICAMARE):** ENRICH/INDO-DC Concerted Action. Project Leaders: Medias-France and University of Madrid.
- **Sustainable Agricultural Use of Aquifers in Southern Europe: Integration Between Agricultural and Water Management Policies (SAGA):** EC (FAIR) Concerted Action. Project Leader: Fondazione ENI Enrico Mattei (Milan).
- Economic Analyses of the Environmental Impact of Alternative Transportation Solutions for the Tel-Aviv Metropolitan Region (Belfer Center for Energy

- Research, Ministry of Energy and National Infrastructure and the Ministry of the Environment).
- A Biological and Economic Assessment of the Potential Economic Losses due to Irreversible Damage to Biodiversity: Application to Coastal Nature Reserves (Ministry of the Environment).
 - A Policy Paper on Reducing Greenhouse Gases in Israel (Jointly with the Neeman Institute for Advanced Studies in Science & Technology at the Technion) (Ministry of the Environment).
 - Options for Municipal Waste Recycling Policy (Ministry of the Environment and the S. Neeman Institute for Advanced Studies in Science & Technology).
 - Economic Analysis of the Recreational Benefits from the Hula Valley Re-flooding Project (Jewish National Fund).
 - Economic Efficiency Considerations in Pollution Abatement in Energy Production: Administrative Approaches vs. Economic Incentives (Ministry of Energy and Infrastructure).
 - Valuation of Nonuse and Existence Benefits in Resource Damage Assessment (Ministry of Science & Technology; Ministry of the Environment).
 - Economic & Environmental Impacts of Accelerated Development: the Case of Kiryat-Shmoneh (Ministry of Science and Arts).
 - Economic & Environmental Analyses of Clean Energy Options (Israel Electric Company).
 - Environmental Impact Analysis of the Haifa Bay Area National Plan (Ministry of the Interior).
 - Economic Analysis of the Demand for Residential and Industrial Land Uses in the Haifa Metropolitan Area (Ministry of Housing)
 - Sharing Scarce Fresh Water Resources in the Mediterranean Basin: An Economic Perspective (European Science Foundation and the Bertha von-Suttner Research Program).
 - Environment Policy: Standards vs. Economic Incentives (Sapir Center for Development, Tel-Aviv University).
 - Economic Valuation of Environmental Damage in Israel: Ground Water Pollution (The Water Commission).
 - Glass Bottle Recycling Policy for Israel (Ministry of the Environment).
 - A Software Package for Air-shed Management (Ministry of Energy & Infrastructure).
 - Economic Analysis of the Feasibility of Private Supplementary Health Services in Public Health Facilities (Treasury and Health Ministries and Rambam Medical Center).
 - The Supply of Physician Services for Privately Provided Health-Care Services at Public Hospitals (Kovens Center for Health Management Studies, Tel-Aviv University).
 - Economic Costs of Changing Ambient Air Pollution Levels From Industrial Sources in the Haifa Region (Ministry of Energy and Infrastructure).

- Benefits of Morbidity Reduction from Air Pollution Control (US-Israel Binational Science Foundation)
- Economic Evaluation of Using Recycled Municipal Wastewater for Household Uses (The Water Authority).

Teaching

Natural Resource Economics, Environmental Economics, Public Economics, Benefit-Cost Analysis.

Thesis Supervision

35 M.Sc. theses.

6 Ph.D. dissertations.

Community and Non-academic Professional activities (recent)

Chairman, Executive Committee, Friends of Kadoorie High-School Association, Lower Galilee.

Chairman, Board of Directors, National Parks and Nature Reserve Authority

Chairman, Board of Directors, City of Haifa Museums (Arts Museum, Japanese Museum, Maritime Museum).

Board of Directors, Nature Protection Society.

National Management Committee, Council for Beautiful Israel

Chairman, "Magshim Israel" Prize Committee, Council for Beautiful Israel

Eco-Peace - Friends of the Earth Middle East

Executive Management Committee, the Friends of the Haifa Museums.

"DESHE" - Think Tank on Building and the Preservation of Open Space Values, Nature Protection Society.

Chairman, Platform Committee on Environment, Labor Candidate for Mayor of Haifa

Chairman, Council for Beautiful Israel, Haifa and Northern Region

Executive Committee, Nature Protection Society.

Who's who in Israel & Jewish Personalities Abroad, 21st English ed., 1990-91 and onwards.

Languages

English and Hebrew - fluent.

French - basic reading, writing and speaking (needs brushing-up)

German - basic understanding

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Publications

Books

- Shechter, M. & Lucas, R.C. 1979. *Simulation of Recreational Use for Parks and Wilderness Management*. John Hopkins University Press for Resources for the Future, Baltimore, MD.
- Ayalon, O., Shechter, M. & Avnimelech, Y. 1994. *Recycling Municipal Solid Waste in Israel: An Analysis of Alternatives*. Haifa: S. Neeman Institute for Advanced Study in Science & Technology and the Ministry of the Environment. February (Hebrew).
- Shechter, M. & Giupponi, C. Eds. 2003. *Climate Change in the Mediterranean: Socio-economics Perspectives of Impacts, Vulnerability and Adaptation*. Cheltenham, UK. Edward Elgar Publishing.
- Garrido, A. and M. Shechter (eds.). 2014. *Water for the Americas: Challenges and Opportunities* (Rosenberg International Forum on Water Policy). UK: Routledge – Taylor & Francis Group.

Chapters in books

1. Hill, M. & Shechter, M. 1971. "Optimal Goal Achievement in the Planning of Outdoor Recreation," in A.G. Wilson (ed.): *Urban and Regional Planning*. Pion Books, London, pp. 110-120.
2. Shechter, M. & Heady, E.O. 1972. "A Simulation Model for Agricultural Policy," in E.O. Heady, et al. (eds.): *Future Farm Progress*. Iowa State Press, Ames, Iowa, pp. 275-325.
3. Barnea, M., Shamir, U. & Shechter, M. 1977. "Incorporating Outdoor Recreation in a Model of Stream Flow Regulation and Water Quality Improvement," in R. Thrall (ed.): *Economic Modeling for Water Policy Evaluation*. North Holland (TIMS Studies in Sciences, Vol. 3), Amsterdam, pp. 125-155.
4. Barnett, H.J., van Muisinkel, G.M., Myers J.G. & Shechter, M. 1984. "Global Trends in Non-Fuel Minerals," in J.L. Simon & H. Kahn (eds.): *The Resourceful Earth: A Response to Global 2000*. Basil Blackwell, Oxford. pp. 316-338.
5. Shechter, M. 1988. "Incorporating Anxiety Induced by Environmental Episodes in Life Valuation," in S. Maital (ed.): *Applied Behavioral Economics*. Wheatsheaf Books, Brighton (U.K.), pp. 529-536.
6. Shechter, M., Kim, M. & Golan, L. 1989. "Valuing a Public Good: Direct and Indirect Valuation Approaches to the Measurement of the Benefits From Pollution Abatement," in H. Folmer (ed.): *Evaluation and Policy-Making in Environmental Economics*. Elsevier, Amsterdam, pp. 123-137.
7. Hill, M., Alterman, R., Carmon, N., Churchman A. & Shechter, M. 1990. "Integrated Evaluation of Israel's Neighborhood Revitalization Project," in D. Shefer and H. Voogol (eds.): *Methods for Urban and Regional Plans*, Essays in Memory of M. Hill. Pion Books, London.

8. Shechter, M. 1993. "Israel - an Early Starter in Environmental Pricing." Chapter 13 in S. Navrud (ed.). *Pricing the European Environment*. London: Scandinavian Universities Press.
9. Shechter, M. & Freeman, S. 1994. "Some reflections on the definition and measurement of non-use value," Ch. 7: 171-194, in R. Pethig (ed.), *Valuing the Environment: Methodological and Measurement Issues*. Amsterdam: Kluwer.
10. Shechter, M., 1995. "Valuing the Environment," Ch. 8 in Folmer, H., Gabel, H.L., and Opschoor, H. (eds.), *Principles of Environmental and Resource Economics: A Guide for Students and Decision-Makers*. Aldershot, UK: Edward Elgar Publishing. (Invited).
11. Shechter, M., "Valuing the Environment," in Folmer, H. and Gabel, H.L. (eds.), 2000. *Principles of Environmental and Resource Economics: A Handbook for Decision-Makers*. 2nd revised edition. Cheltenham, UK: Edward Elgar Publishing. (Invited).
12. Ayalon, O., Avnimelech, Y. and Shechter, M., 1999. "Issues in Designing an Effective Solid Waste Policy: the Israeli Experience," in Sterner, T. (ed.), *The Market and the Environment: The Effectiveness of Market Based Instruments for Environmental Reform*. UK: Edward Elgar, 389-406.
13. Ayalon, O., Avnimelech, Y., and Shechter, M., 2000. "The city and the agricultural sector inter-relationship: environmental costs and benefits." In: Brebbia C.A, Ferrante A., Rodriguez M., and Terra B. (Eds.). *The Sustainable City, Urban Regeneration and Sustainability*. Southampton, Boston: WIT press, 85-93.
14. Shechter, M. and Yehoshua, N. 2002. "Exploratory economic assessments of climate change impacts in Israel: agriculture." In: Beniston, M. (ed.), *Climate Change: Implications for the Hydrological Cycle and for Water Management. Advances in Global Change Research, 10*. Dordrecht and Boston: Kluwer Academic Publishers.
 - A slightly modified version appeared as:
Yehoshua, N. and Shechter, M. 2003. "Climate change and agriculture: an Israeli perspective." In: Giupponi, C. and Shechter, M. (eds.), *Climate Change in the Mediterranean*. Cheltenham, UK: Edward Elgar.
15. Shechter, M., 2003. "Water in an Era of Peace: Water Need Not Create an Economic 'Short-circuit'." In: N. Yaniv and E. Marks (eds.), *Beyond Peace: The Urgent Tasks of Israeli Society*. Tel-Aviv: Tel-Aviv University, 95-100. (Hebrew)
16. Eshet, T., Baron G., M. and Shechter, M., 2007. "Externalities from Landfills and Transfer Stations; Applying and Testing the Benefit Transfer Method." Ch. 6, In: E. C. Lehmann (ed.), *Landfill Research Focus*. Hauppauge, NY: Nova Science Publishers, pp. 153-198.
17. Shamir-Tzemach, S. and Shechter, M. 2009. "Economic Aspects" in Safriel U. (ed), *Israel's Biodiversity Conservation National Plan*, Jerusalem: Ministry of Environmental Protection.
18. Kan, I., Haim, D., Rapaport-Rom, M., and Shechter, M., 2012. "Rural Landscapes and Optimal Agricultural Land-Use" Ch. 9 in Wim Heijman and Martijn van der

- Heide (Eds.), *The Economic Value of Landscapes*. New York: Routledge. Pp. 165-187.
19. Marinov, U. and Shechter, M. 2012. "Environmental Management in a Developing Country", Ch. 15 in: Gallagher, D.R. (ed.), *Environmental Leadership: A Reference Handbook*. Los Angeles: Sage Reference. Pp. 131-139.
 20. Disegni, D. and Shechter, M. 2013. "Socioeconomic Aspects: Human migrations, Tourism and Fisheries", Ch. 34 in Goffredo, Stefano and Dubinsky, Zvy (Eds.), *The Mediterranean Sea: Its history and present challenges*. Springer Publishers.
 21. Shamir-Tzemach, S., Shechter, M., and Shitovotz, B. 2014. Optimal Species Preservation Policy in Symbiotic Relationship between Species", in Nunes, Paulo A.L.D., Kumar, Pushpam, and Dedeurwaedere, Tom (Eds.), *Handbook on the Economics of Ecosystem Services and Biodiversity*. UK: Edward Elgar.
 22. Ayalon, O., Brody, S., and Shechter, M. 2013. "Household Waste Generation, Recycling, and Prevention", in OECD: *Greening Household Behaviour: Overview from the 2011 Survey*. OECD Publishing.
- Papers 6, 11, 18 and 41 below were also reprinted as chapters in books.

Articles in refereed journals

1. Shechter, M. & Heady, E.O. 1970. "Response Surface Analysis and Simulation Models in Policy Choices". American Journal of Agricultural Economics 52 (1): 41-49.
2. Shechter, M. & Schwartz, J. 1970. "Optimal Planning of a Coastal Collector". Water Resources Research 16 (4): 1017-1024.
3. Shechter, M. & Hammer, P.L. 1970. "On the Dynamic Planning of Investment Projects" (with P.L. Hammer), European Economic Review 2 (1): 111-121.
4. Shechter, M. 1971. "The Use of Computer Simulation in Research," Journal of Simulation and Games 2 (1): 73-87.
5. Globerson, S. & Shechter, M. 1972. "A Gaming Model in Production Management". Engineering Education 62 (5): 453-455.
6. Shechter, M. & Baron, M.G. 1973. "Simultaneous Determination of Visits to a System of Outdoor Recreation Parks with Capacity Limitations". Regional and Urban Economics 3 (4): 327-359.
 - Reprinted in S.P. Ladany (ed.): Management Science Application to Leisure-Time Operations (Studies in Management Science and Systems). Elsevier, Amsterdam. 1975.
7. Shechter, M. & Barnea, M. 1973. "The Expenditure of Nature and Landscape Conservation: The Case of Israel". Journal of Environmental Management 5: 393-404.
8. Helman, A. & Shechter, M. 1973. "Collective Decision-Making in a Kibbutz: A Case Study". Public Finance 28 (2): 139-150.
9. Enis, R. & Shechter, M. 1974. "Environmental Analysis of Quarrying: An Israeli Experience". Landscape Planning 1 (3): 289-302.
10. Shechter, M. & Baron, M.G. 1976. "Outdoor Recreation as an Economic Service" (in Hebrew). Riv'on Lekalkala (Economic Quarterly) #91: 401-408.
11. Shechter, M. & Lucas, R.C. 1977. "A Recreational Visitor Travel Simulation Model as an Aid to Management Planning". Simulation and Games 8 (3): 375-384.
 - Reprinted in Van Doren, C.S., Priddle, G.B., and Lewis, J.E. (eds.): Land and Leisure: Concepts and Methods in Outdoor Recreation, 2nd ed., Maaroufa Press, Chicago. 1979.
12. Hill, M. & Shechter, M. 1978. "Multiple Objectives in Outdoor Recreation Planning". Journal of Leisure Research 10 (2): 126-140.
13. Harouvi, N., Shechter, M. & Subotnik, A. 1979. "Optimal Pricing Policy for a Computer Center". European Journal of Operations Research 3: 296-307.
14. Shechter, M. & Lucas, R.C. 1980. "On the Optimal Use of Natural and Scenic Resources for Recreation". Journal of Resource Management and Optimization 1: 1-27.
15. Shechter, M. & Lucas, R.C. 1980. "Validating Large Scale Simulation Model of Wilderness Recreation Travel". Interfaces - the Institute of Management Sciences 10 (5): 11-18.

- Reprinted in Sistemi Urbani 4, 1982 (in Italian).
16. Shechter, M., Enis, R., Reiser, B. & Tzmir, Y. 1981. "Evaluation of Landscape Resources for Recreational Planning". Regional Studies 15 (5): 373-390.
 17. Falk, I. & Shechter, M. 1981. "Computing Pigouvian Taxes for Pollution Abatement". Journal of Environmental Management 13 (4): 187-194.
 18. Barnett, H.J., Shechter, M. & van Muiswinkel, M. 1982. "Are Minerals Costing More?" Resource Policy Management and Optimization 2 (2): 121-148.
 - Reprinted in M. Avriel and R. Amit (eds.): Perspectives on Resource Policy Modeling: Energy and Minerals. Ballinger, Cambridge, MA. 1982.
 19. Ullmann, B., Shechter, M. & Lin. I. 1982. "Optimal Material and Process Substitution in the Cement Industry". Materials and Society 6 (1): 91-107.
 20. Shechter, M., Glazer, Y. & Barnett, H.J. 1983. "Economic Costs of Mineral Supply Disruptions: Effects on a Small, Open Economy. Resources Policy 9 (4): 275-288.
 21. Sharefkin, M.F., Shechter, M. & Kneese, A.V. 1984. "Impacts, Costs and Techniques for Mitigation of Contaminated Groundwater". Water Resources Research 20 (12): 1771-1783.
 - Published also as: Resources For the Future Reprint No. 210, Resources for the Future, Washington, D.C. 1983.
 - A different version published in: National Science Foundation, Groundwater Resources and Contamination in the United States, PRA Report 83-12. National Science Foundation, Washington, D.C. 1983.
 22. Enis, R. & Shechter, M. 1985. "Planning and Management Policy for a National Park: A Case Study - the Carmel". Tourism Recreation Research (Special Issue) 10 (2): 29-34.
 23. Shechter, M. 1985. "An Anatomy of a Ground Water Pollution Episode," Journal of Environmental Economics and Management 12 (1): 72-88.
 24. Shechter, M. 1985. "Economic Aspects in the Investigation of Groundwater Contamination Episodes," Groundwater 23 (2): 190-197.
 25. Shechter, M., Maayan, R. & Breiner, A. 1986. "Mineral Resources and Growth in a Small Open Economy: The Case of Israel". Resources and Energy 8: 83-108.
 26. Zeidner, M. & Shechter, M. 1987. "Some Psychological, Health, Demographic, and Economic Correlates of Air Pollution Stress". Personality and Individual Differences 8: 769.
 27. Zeidner, M. & Shechter, M. 1988. "Psychological Responses towards Air Pollution: Some Personality and Demographic Correlates". Journal of Environmental Psychology 8 (1): 191-208.
 28. Shechter, M. & Zeidner, M. 1990. "Anxiety: Towards A Decision-Theoretic Perspective". British Journal of Mathematical and Statistical Psychology 43: 15-28.
 29. Law-Yone, H. & Shechter, M. 1990. "Physical and Environmental Determinants of Urban Deterioration and Rehabilitation: a Conceptual Framework and a Case Study". Environment and Planning 22: 763-777.

30. Shechter, M. & Kim, M. 1991. "Valuation of pollution abatement benefits: Direct and indirect measurement". Journal of Urban Economics 30 (2): 133-151.
31. Shechter, M. 1991. "A comparative study of environmental amenity valuations," Environmental and Resource Economics 1 (2): 129-155.
32. Epstein, L., Shechter, M., Cohen, A. & Biger, C. 1991. "Air pollution and morbidity in the Haifa region" (in Hebrew). Ha'Refuah - The Journal of the Israeli Medical Association) 120 (12): 709-714.
33. Shechter, M. & Shavit, T. 1992. "The provision of supplemental quasi-private health-care services at public hospitals: an economic analysis" (in Hebrew). Riv'on Lekalkala (Economic Quarterly) 39 (#153): 305-319.
34. Shechter, M., Epstein, L. & Cohen, A. 1993. "Analyzing economic and epidemiological aspects of air pollution and health". Environmental Management and Health 4 (1): 6-15.
35. Becker, N., Baron, M.G. & Shechter, M. 1993. "The failure of economic instruments in emission abatement when technological indivisibilities dominate." Environmental & Resource Economics (Special Issue: Economic Incentives in Environmental Regulation, W. Heijman & M. Shechter, Eds.) 3 (3): 263-284.
36. Golan, E.H. & Shechter, M. 1993. "Use of the contingent valuation method for calculating willingness to pay for health care services: valuation of supplemental health care in Israel". Medical Decision Making 13 (4): 302-310.
37. Zeidner, M. & Shechter, M., 1994. "Reduction of Test Anxiety: A First Attempt at Economic Evaluation", Anxiety, Stress, and Coping 7: 1-18.
38. Baron, M. G. & Shechter, M. 1994. "TELMA - a policy model for optimal allocation of region-wide emissions," Journal of Environmental Management 41 (1): 17-26.
39. Zeitouni, N., Becker, N. & Shechter, M., 1994. "Two Models of Water Market Mechanisms with an Illustrative Application to the Middle East." Resources & Energy Economics Journal (Special Issue, Guest Editor: M. Shechter) 16 (4): 303-330.
 - Published also as: Zeitouni, N., Becker, N. and Shechter, M. 1994. "Market Mechanisms for Water Allocation in the Middle East," Economic Quarterly 41 (October):
40. Becker, N. & Shechter, M., 1996. "Decentralized Economic Incentives Under Technological Indivisibilities: A Cooperative Game Approach," Ecological Economics 17: 9-20.
41. Becker, N., Zeitouni, N. and Shechter, M., 1996. "Reallocating Water Resources in the Middle East through Market Mechanisms," Water Resources Development 12 (1): 17-31.
 - A modified version was published as Ch. 13 in: Parker, D. D. and Tzur, Y. (eds.), 1996, Decentralization and Coordination of Water Resource Management, Amsterdam: Kluwer Academic Publishers.

42. Shechter, M., Reiser, B., and Zaitsev, N. 1998. "Measuring Passive Use Value: Pledges, Donations and CV Responses in Connection with an Important Natural Resource." Environmental and Resource Economics 12(4): 457-478.
 - A significantly different version of the paper was published, in Hebrew, in the Economic Quarterly 44(2/1997): 263-283.
 - An electronic version of the paper was published in the Environmental Economics Abstracts, Working Paper Series 3(2), Feb. 1998.
43. Reiser, B. and Shechter, M. 1999. "Incorporating Zero Values in the Economic Valuation of Environmental Program Benefits." Environmetrics 10: 87-101.
 - An electronic version of the paper has been published in the Environmental Economics Abstracts, SSRN Working Paper Series 3(4), March 1998.
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- Stanley Rubinstein, Employment and Israel's Green Economy (Ph.D.).
- Yoram Ben-Ari, The impact of Climate Change on Tourism infrastructure in Israel and Required Adaptation. (Ph.D.)
- Yoav Peled, Economic Assessment of Marine Ecosystems. (Ph.D.)
- Hala Abu-Chala, Intergenerational allocation of Depleteable Natural Resources. (Ph.D.)
- Mickey Rappaport-Rom, Water Policy in the Agricultural Sector in Israel and its Impact on Efficient Allocation and the Spatial Distribution of Different Types of Water. (Ph.D.)
- Ayelet Davidovitch, The Implications of Climate Change on the Insurance Sector and the Israeli Economy. (Ph.D.)
- Ester Asraf, Intergenerational Equity Considerations in Determining Natural Gas Exports. (MA)
- Moshe Tzur, The Economic Rationale of Subsidies to Renewable Energy (MA)
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