

DISEGNI, DAFNA M.
PH.D. UNIVERSITY OF CALIFORNIA, DAVIS, 2004



Fields of Specialization

Environmental Economics, Industrial Organization, Public Economics

Research Interest

The economics of environmental protection on a national and international dimension, cooperation and voluntary contribution to the provision of public goods; sustainability and the design of environmental markets; theoretical and empirical links between trade, externalities and public intervention

Courses taught in recent years (Graduate and undergraduate level)

Intermediate Microeconomic Theory (University of California, Davis)
Introduction to microeconomics (University of Haifa, Israel)
Environmental Microeconomics (Tel Aviv University, Israel)
Environmental Macroeconomics: Special topics (University of Haifa, Israel)
Resource Economics (University of Haifa, Israel)
Games and Natural Resource Management (Tel Aviv University, Israel)

PUBLICATIONS

Dissertation

Economics of the Allocation of Tradable Pollution Rights (English), University of California, 2004. 124 pages. Supervisors: Prof. Richard J. Sexton, Prof. Giacomo F. Bonanno and Prof. Richard E. Howitt. Selected chapters were published in the *Journal of Regulatory Economics*, Vol. 28(2): 205-223, 2005.

MS thesis

Reusing Effluent for Irrigation: Methods of Cost allocation among Producers and Consumers (Hebrew), Hebrew University, Israel, 1998. Advisors: Prof. Eli Feinerman, Prof. Yakir Plessner.

Refereed Journal Articles

DiSegni Eshel, D.M., (2005) "Optimal Allocation of Tradable Rights and Market Structures", *Journal of Regulatory Economics*. Vol. 28(2): 205-223.

Feinerman, E., Plesner Y. and DiSegni Eshel, D.M. (2001), "Recycled Effluents: Should the Polluter Pay?" American Journal of Agricultural Economics. 83(4): 958-71.

Other papers

DiSegni Eshel, D.M., and R.J. Sexton. "Communities Intervention in Market-Based Environmental Policies". (Submitted for publication)

DiSegni Eshel, Dafna M. and Richard J. Sexton, "The Regulator's Optimal Decisions in Implementing Tradable Rights Policies", 3rd World Congress in Environmental Economics, Kyoto, Japan, July 2006.

DiSegni Eshel, Dafna M. "Optimal Allocation of Tradable Rights and Market Structure," Selected Paper, presented at the CORE workshop "Industrial Economics and the Environment". Belgium, October 2004.

DiSegni Eshel, Dafna M. and Racheal E. Goodhue, "Is Community Involvement Beneficial for Public Policy Efficiency," Selected paper by the American Agricultural Economic Association. Presented at the Annual Meeting, Long Beach, CA July 2002.

DiSegni Eshel, Dafna M. "The Microstructure of Water Markets: Bargaining vs. auctioning approaches". Selected paper presented at the International workshop on the Economics of Water and Agriculture", Dec. 2002.

Chalfant, J. E. and Dafna M. DiSegni Eshel "A Non-Parametric Test for Advertising Effectiveness". Selected paper by the American Agricultural Economic Association. Presented at the Annual meeting, Chicago 2001.

Papers in Progress

DiSegni, D. M. "Income Inequality and common provision of pure public goods".

DiSegni, D.M., "An indirect mechanism for optimal allocation of tradable pollution rights"

DiSegni, D.M. "Auction vs. Bargaining: An empirical assessment from markets for pollution permits.

M.S. THESES SUPERVISION

Anna Panini Trans-boundary environmental agreements and asymmetries in agents' characteristics. MS student, Hebrew University, 2006-present. (co-advising with Eli Feinerman).

- Bosmat Appel** Economic Values derived from the use of advanced water pollution identifiers. MS student, Haifa University, 2007-present (co-advising with Noam Greenbaum)
- Yossi Simhon** The cost of sharing a common good: An Estimation approach using the court system, MS Student, Haifa University, 2007-present (co-advising with Noam Greenbaum)
- Michal Grossman** Ahead with Solar Energy: Economic Analysis. MS student, Tel Aviv University, 2007-present (co-advising with Avi Kribus)
- Nathalia Gotcovsky** Equity, Trade, and the Environment, MS student, Tel Aviv University, 2007-present (co-advising with Dan Rabinovitch)
- Shira Rosenman** Antitrust law and the Environment (co-advising with David Gilo)