

RAM FISHMAN

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Citizenships: American, Israeli.

Employment

9/2012 - Present: Assistant Professor of Economics, George Washington University

1/2013 - Present: Secondary Appointment, the Elliot School of International Affairs

9/2011-8/2012: Giorgio Ruffolo Post-doctoral Fellow in Sustainability Science,
Harvard Kennedy School

Faculty Hosts: Michael Kremer, Rohini Pande, Venky Narayanamurti

Education

Columbia University, August 2011: PhD, Sustainable Development.

Dissertation: "Theoretical and Applied Dimensions of Natural Resource Management"

Committee: Scott Barrett (chair), Jeffrey Sachs, Upmanu Lall, Geoffrey Heal and Matthew Kotchen

Weizmann Institute of Science, 2002: M.Sc., Physics (High Energy Physics & String Theory)

Tel Aviv University, 1994: B.Sc., Mathematics, Summa Cum Laude

Teaching and Research Fields

Primary Fields: Environmental and Agricultural Economics, Development Economics

Secondary Fields: Water Resources, Climate Change, Inter-Temporal Discounting

Teaching Experience

2007-2011: Human Ecology and Sustainable Development (PhD and Master level classes), Columbia University. Teaching fellow for Jeffrey Sachs

2012: The Economics of Sustainability and the Environment (Undergraduate)

Publications

Aharony, O., Antebi, Y. E., Berkooz, M. and **Fishman, R.** 'Holey Sheets' - Pfaffians and Subdeterminants as D-brane Operators in Large N Gauge Theories. J. High Energy Phys. JHEP12(2002)069.

Siegfried, T., Stefan S., Pradeep R., **Fishman R.**, Vasquez, V., Narula, K., Lall, U. and Modi, V.: Modeling Irrigated Area to Increase Water, Energy, and Food Security in Semiarid India. Weather, Climate and Society, 2010, 2, 255-270.

Fishman, R., Siegfried, T., Raj, P., Modi, V. and Lall, U. Over-Extraction from Shallow Bedrock versus Deep Alluvial Aquifers: Reliability versus Sustainability Considerations for India's Groundwater Irrigation. Water Resources Research, Forthcoming.

Working Papers

(Job Market Paper) "Climate Change, Rainfall Variability and Adaptation through Irrigation: Evidence from Indian Agriculture"

"Heterogeneous Patience, Bargaining Power and Environmental Policy"

"Naive and Sophisticated Investment"

"Can Increased Agricultural Water Use Efficiency Save India's Groundwater?" (with Naresh Divedani and R. Raman)

Research in Progress

"A Novel Policy for Enhancing Efficiency of Groundwater and Energy Use in India: Design and Evidence from a Field Pilot" (with Vijay Modi and Upmanu Lall)

"Water Depletion, Adaptation and Migration: Evidence from India" (with Avinash Kishore and Meha Jain)

"Rainfall Shocks and Property Crimes in Agrarian Societies: Evidence from India" (with David Blakeslee)

"A Field Test of Social Learning" (with Arthur Fishman and Uri Gneezy)

Research Grants

"A Novel, Market Based Mechanism to Incentivize Efficient Groundwater/Energy use in Indian Agriculture – Setting Up a Field Experiment in Gujarat": Awarded by the International Growth Center (10,000 GBP).

"Rural – Urban migration, Groundwater depletion and Rural infrastructure – Seed Study", with Avinash Kishore and Anjal Prakash: Awarded by the International Growth Center (5,000 GBP)

"Food Security for the World's Poorest Farmers: A Field Study of an Innovative Agricultural Development Program in Haiti and Nepal": Awarded by the Food for Thought Intramural Competition (32,000 USD)

Honors, Scholarships, and Fellowships

2007-8 Fellowship, FLAS – Middle Eastern and Arabic

2010-11 Fellowship, Center for Conflict Resolution, SIPA