

Curriculum Vitae: Fishman, Ram

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Academic Positions

- 2015 – Lecturer (equiv. Assistant Professor), Public Policy, Tel Aviv University
2012 – 2015 Assistant Professor of Economics / Intl. Affairs, George Washington University
2011 – 2012 Giorgio Ruffolo Post-doctoral Fellow in Sustainability Science, Harvard Kennedy School, Harvard University, USA

Education

- 2011 PhD, Sustainable Development, SIPA, Columbia University, USA
2002 M.Sc., Physics, Weizmann Institute of Science, Israel
1995 B.Sc., Mathematics, Tel Aviv University

Publications:

- Fishman, R., Carrillo, P. and Russ, Jason. The Long-Term Economic Effect of High Temperatures: Evidence from Earnings Data in Ecuador. Accepted, *Journal of Environmental Economics and Management*, 2018.
- Asoka, A., Wada, Y., Fishman, R., & Mishra, V. (2018). Strong linkage between precipitation intensity and monsoon season groundwater recharge in India. *Geophysical Research Letters*, 2018.
- Fishman, R.: Heterogeneous Patience, Bargaining Power and Investment in Future Public Goods. Accepted, *Environmental and Resource Economics*, 2018.
- Fishman, R. Groundwater Depletion Limits the Scope for Adaptation to Increased Rainfall Variability in India. *Climatic Change*, 2017.
- Blakeslee, D.S. and Fishman, R.. Weather shocks, agriculture, and crime: Evidence from India. *Journal of Human Resources*, 2017, pp.0715-7234R1.
- Fishman, R., Lall, U., Modi, V. and Parekh, N. Can Electricity Pricing Save India's Groundwater? Field Evidence from a Novel Policy Mechanism in Gujarat. *Journal of the Association of Environmental and Resource Economists*, 2016, 3(4), pp.819-855.
- Fishman, R. More uneven distributions overturn the benefits of higher precipitation for future food security. *Environmental Research Letters*, 2016.
- Fishman, R., Devineni, N., & Raman, S. Can improved agricultural water use efficiency save India's groundwater? *Environmental Research Letters*, 2015, 10(8), 084022.
- 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*, 2011, 47.6.
- 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.

Papers Under Revision:

- Fishman, R., Kishore, A. and Jain, M: When Water Runs Out: Scarcity, Adaptation and Migration in Gujarat.
- Fishman, R., Shannan, Y., Hoffman, M., Gurung J. K. and Regmi, P. P.: Does Subjective Well Being Reflect Non-Income Dimensions of Poverty?
- Fishman A., Fishman, R. and Gneezy, U.: A Tale of two Food Stands- Observational Learning in the Field.

Papers Under Review:

- Jain, M., Fishman, R., Mondal P., Galford G.L., Bhattarai, N., Naeem, S., and DeFries, R.S.: Groundwater Depletion Will Reduce Cropping Intensity in India.
- Rothler Y., Blakeslee, D. and Fishman, R. Economic Factors Mediate the Impact of Drought on Farmers Suicide in India.
- Blakeslee, D. and Fishman, R. Way Down in the Hole: Adaptation to Long-Term Water Loss in Rural India.
- Blakeslee, D., Chaurey, R., Fishman, R. and Malik, S. Structural Transformation and Spillovers from Industrial Areas.
- Fishman, R. and Shan, L.: Agriculture Mediates the Drought-Migration Linkage between Mexico and the U.S.
- Fishman, R., Dar, A., Barnwal, P., Mueller, N., von der Goltz, J. and McCord, G.: Diffusion of Modern Crop Varieties Associated with 20th century Infant Mortality Declines.
- Fishman, R. and Krishnamurthy, C. K.: An Ecological Golden Rule.
- Fishman, R. et al: Energy Use on Campus.

Working Papers:

- Fishman, R., Smith, S., Bobic, V., and Sulaiman, M.: Do Agricultural Extension and Input Subsidy Programs have Persistent Effects? – Evidence from a Randomized Phase-Out of the BRAC Program in Uganda.
- Fishman, R., Kishore, A., Rothler, Y. and Ward, P.: Does Soil Health Testing Affect Fertilizer Usage? – Evidence from a Field Experiment in Bihar, India.
- Bukchin, S. and Fishman R.: Projecting the Future Prevalence of Smallholder Agriculture.
- Blakeslee, D., Chaurey, R., Fishman, R. and Malik, S.: In the Heat of the Moment: Economic and Non-Economic Drivers of the Weather-Crime Relationship.

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, 2012.
- “Rural – Urban migration, Groundwater depletion and Rural infrastructure – Seed Study”, with Avinash Kishore and Anjal Prakash: Awarded by the International Growth Center, 2012
- “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, 2013
- “Expanding Drip and Sprinkler Irrigation in India- Can the Right Policies Save the Country's Water Resources?”: Awarded by the University Facilitating Fund, George Washington University, 2013
- “Complementarities of Training, Technology, and Credit in Smallholder Agriculture: Impact, Sustainability, and Policy for Scaling-up in Senegal and Uganda”, with Stephen Smith: Awarded by the BASIS AMA Collaborative Support Research Program
- “Adoption and use of micro irrigation systems in India”, with Avinash Kishore, Meha Jain and Alicia Harley: Awarded by the International Growth Center India Central Program, 2013
- “Adoption of Balanced Use of Chemical Fertilizers: Farmers’ Response to Scientific Evidence and Social Learning”, with Avinash Kishore, Patrick Ward and David Spielman: Awarded by the International Growth Center India Bihar Program, 2013

- “The Nutritional Impacts of Irrigated Horticulture in the Sahel: Leveraging a Large Scale Randomized Controlled Trial in Senegal”, with Jessica Fanzo and Amadou Niang: Awarded by the FAO SIAC program, 2014.
- “Using Global Agricultural, Health and Demographic Datasets to Identify the Impacts of CGIAR’s Modern Seed Varieties Since 1960s”, with Gordon McCord, Prabhat Barnwal, Nathan Mueller and Jan Van Der Goltz: Awarded by the Standing Panel on Impact Assessment, CGIAR, 2015.
- “Adaptation to persistent drought and groundwater depletion: Evidence from Karnataka”, with V. S. Prakash, K. V. Raju, David Blakeslee and Avinash Kishore. Awarded by the International Growth Center India Central Program, 2015
- “Does restricting subsidized power and water supply reduce growth? - Evidence from the dark zones of Gujarat”, with Saher Asad and Meha Jain: Awarded by the International Growth Center India Central Program, 2015
- Transforming smallholder farmers through immersion in modern farms: evidence from a RCT in Nepal and Israel: Awarded by the International Growth Center, Central Program, 2017