

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:

- Blakeslee, D. and Fishman, R. Way Down in the Hole: Adaptation to Long-Term Water Loss in Rural India. Forthcoming, *American Economic Review*.
- Fishman, R. Welfare Effects of Naive and Sophisticated Saving. *Social Choice and Welfare*, 2019:1-6.
- Dillon, A. and Fishman, R. Dams: Effects of Hydrological Infrastructure on Development. *Annual Review of Resource Economics*, 11, 2019.
- Fishman A., Fishman, R. and Gneezy, U., 2018: A Tale of two Food Stands- Observational Learning in the Field. *Journal of Economic Behaviour and Organisation*, 2018.
- Fishman, R., Carrillo, P. and Russ, Jason. The Long-Term Economic Effect of High Temperatures: Evidence from Earnings Data in Ecuador. *Journal of Environmental Economics and Management*, 2018.
- Asoka, A., Wada, Y., Fishman, R., & Mishra, V. 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.
- 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.
- 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.
- 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.
- 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.

Papers Under Review:

- 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., 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., 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?
- 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.
- 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. et al: Researching Energy Use on Campus.

Working Papers:

- Fishman, R, Blakeslee, D., Mahalgan, D. and Rothler, D. Economic Factors Mediate the Impact of Drought on Farmers Suicide in India.
- 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.
- 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.
- Fishman, R. and Krishnamurthy, C. K.: An Ecological Golden Rule.

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
- Climatic and Economic Drivers of Suicides in Rural India, with Deepak Malghan. Awarded by the American Foundation for Suicide Prevention, 2018.
- Digital Information Channels in the Rwandan Potato Value Chain, with Michael Kremer and Dan Bjorkegren. Awarded by the International Growth Center.