

# Anthony Louis D'Agostino

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## EMPLOYMENT

- 2018 - Present Research Economist - Mathematica, International Unit
- 2017 - 2018 Postdoctoral Fellow - Stanford University, Department of Earth System Science, Center on Food Security and the Environment (FSE)
- 2012 - 2014 Graduate Researcher - International Research Institute for Climate and Society, Lamont Doherty Earth Observatory
- 2009 - 2011 Research Fellow - National University of Singapore
- 2008 - 2009 Research Intern - Greenhouse Gas Protocol, World Resources Institute
- 2007 Intern - United Nations Environment Programme - Regional Office of Asia and the Pacific

## EDUCATION

- 2017 Columbia University, PhD, Sustainable Development  
Dissertation: "Essays in Climate and Development Economics"  
Committee: John Mutter, Wolfram Schlenker, Supreet Kaur, Kiki Pop-Eleches, and Lex van Geen
- 2008 National University of Singapore, MPP, Social and Environmental Policy
- 2002 Rutgers University, BA *summa cum laude*, Philosophy. Minor: Physics,

## PUBLICATIONS

### *Journal Articles*

- Elders, Akiko, Mark Carroll, Christopher Neigh, Anthony Louis D'Agostino, Christopher Ksoll, and Margaret Wooten. (2022) "Estimating Crop Type and Yield of Small Holder Fields in Burkina Faso Using Multi-Day Sentinel-2." *Remote Sensing Applications: Society and Environment*, **27**, 100820.
- D'Agostino, Anthony Louis and Wolfram Schlenker. (2016) "Recent Weather Fluctuations and Agricultural Yields: Implications for Climate Change." 2016. *Agricultural Economics*, **47** (S1) 159-171.
- D'Agostino, Anthony Louis, Peter Lund, and Johannes Urpelainen. (2016) "The Business of Distributed Solar Power: A Comparative Case Study of Centralized Charging Stations and Solar Microgrids." *Wiley Interdisciplinary Reviews: Energy and Environment*, **5** (6) 640-648.
- D'Agostino, Anthony Louis Johannes Urpelainen, and Alice Xu. (2015) "Socio-Economic Determinants of Charcoal Expenditure in Tanzania." *Energy Economics*, **49** 472-481.
- D'Agostino, Anthony Louis and Benjamin K. Sovacool. (2012) "Unsold Solar: A Post-Mortem of Papua New Guinea's Teachers Solar Lighting Project." *Journal of Energy and Development*, **36** (1) 1-22.

Sovacool, Benjamin K., Anthony Louis D'Agostino, Amireeta Rawlani, and Harsha Meenawat. (2012) "Improving Climate Change Adaptation in Least Developed Asia." *Environmental Science & Policy*, **21** 112-125.

Sovacool, Benjamin K., Anthony Louis D'Agostino, Amireeta Rawlani, and Harsha Meenawat. (2012) "Expert Views on Climate Change Adaptation in Least Developed Asia." *Journal of Environmental Management*, **97** (30) 78-88.

D'Agostino, Anthony Louis Benjamin Sovacool, and Malavika Bambawale. (2011) "And Then What Happened?: A Retrospective Appraisal of China's Renewable Energy Development Project (REDP)." *Renewable Energy* **36** (11) 3154-3165.

D'Agostino, Anthony Louis, Benjamin Sovacool, Kirsten Trott, Catherine Ramos, Saleena Saleem, and Yanchun Ong. (2011) "What's the State of Energy Studies Research?: A Content Analysis of Three Leading Journals from 1999-2008." 2011. *Energy* **36** (1): 508-519.

D'Agostino, Anthony Louis and Benjamin K. Sovacool. "Sewing Climate-Resilient Seeds: Implementing Climate Change Adaptation Best Practices in Rural Cambodia." (2011) *Mitigation and Adaptation Strategies for Global Change*, **16** (6) 699-720.

### *Book Chapters*

Sovacool, Benjamin K. Saleena Saleem, Anthony Louis D'Agostino, Catherine R. Ramos, Kirsten Trott, and Yanchun Ong. (2012) "What About Social Science and Interdisciplinarity? A 10-Year Content Analysis of Energy Policy," in Daniel Spreng, Thomas Flüeler, David L. Goldblatt and Jürg Minsch (eds.): *Tackling Long-Term Global Energy Problems: The Contribution of Social Science*. Series Environment & Policy, Vol. 52. Springer: Dordrecht, NL. 47-71.

D'Agostino, Anthony Louis. (2011) "Resource Mutualism or Co-Dependence? - The Water-Energy Nexus in Asia," in H. Peimani (ed.) *The Challenges of Energy Security in the 21st Century: Trends of Significance*. Institute of Southeast Asian Studies Publishing: Singapore. 39-79.

D'Agostino, Anthony Louis. (2010) "The Social Development Dimension of Energy Security," in Benjamin K. Sovacool (ed.) *The Routledge Handbook of Energy Security*. Routledge: New York. 205-217.

### *Technical Reports and Research Briefs*

Null, Clair, Nathan Chesterman, Dadirai Fundira, Anthony Louis D'Agostino, Joy Nyabwari, Jeremy Page, Grant Annapolle, and Adriana Gonzales. (2022) "The Lusaka Water Supply Sanitation, and Drainage (LWSSD) Project: Endline Evaluation Report." Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica.

D'Agostino, Anthony Louis, Josh Meuth Alldredge, Hailey Hannigan, Matt Sloan, and Ksenia Miliutinskaia. (2022) "Independent Evaluation of the Kosovo Threshold Program Transparent and Accountable Governance (TAG) Project: Evaluation Design Report." Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica.

Ksoll, Christopher, Anthony Louis D'Agostino, Margo Berends, Sam Studnitzer, and Poorva Upadhyay. (2022) "Baseline Report for Niger IMAP." Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica.

D'Agostino, Anthony Louis, Jacqueline Shieh, and Kristen Velyvis. (2022) "Final Report for the Evaluation of the ENRM Project in Malawi. Volume II: The Weed and Sediment Management Activity, Environmental Trust, and Overall Project Evaluations." Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica.

D’Agostino, Anthony Louis, Andrea Wysocki, Stephanie Tuerk, Kim Proctor, and Jessie Parker. (2022) “Using Geocoded 2016-2019 TAF Data to Assess Medicaid Beneficiaries Access to Health Care: A Pilot Study.” TAF Brief. Baltimore, MD: Centers for Medicare & Medicaid Services.

D’Agostino, Anthony Louis,, Christopher Ksoll, and Margo Berends. (2021) “Niger Irrigation and Market Access Project: Evaluation Design Report for Small-Scale Irrigation Activities and Complementary Investments in the Dosso-Gaya Area.” Mathematica report submitted to the Millennium Challenge Corporation.

Larkin, Natalie, Anthony Louis D’Agostino, and Naihobe Gonzalez. (2021) “Assessing Trends in Violence and Violence Prevention in Oakland, California: 2016-2019.” Issue brief submitted to the City of Oakland Department of Violence Prevention. Oakland, CA: Mathematica.

Ksoll, Christopher, Margo Berends, Esteban J. Quinones, Anthony Louis D’Agostino, and Poorva Upadhyaya. (2021) “Niger Irrigation and Market Access: Baseline Report.” Mathematica report submitted to the Millennium Challenge Corporation.

Gonzales, Naihobe, Natalie Larkin, Alicia Demers, and Anthony Louis D’Agostino. (2021) “Oakland Unite 2016–2020 Comprehensive Evaluation: Implementation and Impacts of Youth and Adult Life Coaching.” Report submitted to the City of Oakland Department of Violence Prevention. Oakland, CA: Mathematica.

D’Agostino, Anthony Louis, Alejandra Nichte Aponte, Sam Studnitzer, Eva Ward, and Anu Rangarajan. (2020) “Does What Gets Measured Get Done? An Evaluation of the Impact of the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories on City Climate Action: Final Report.” Report submitted to the Children’s Investment Fund Foundation (CIFF). Oakland, CA: Mathematica.

Ksoll, Christopher, Elena Moroz, Abbie Turiansky, Anthony Louis D’Agostino, Yiriyibin Bambio, Daniel Roberge, and Randall Blair. (2020) “MCC Burkina Faso-Agriculture Development Project.” Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica.

D’Agostino, Anthony Louis, Mindy Hu, Naihobe Gonzalez, Natalie Larkin, and Michela Garber. (2020) “Oakland Unite 2019-2020 Strategy Evaluation: Shooting and Homicide Response.” Report submitted to the City of Oakland Department of Violence Prevention. Oakland, CA: Mathematica.

D’Agostino, Anthony Louis, Sara Bryk, Sam Studnitzer, and Anu Rangarajan. (2020) “Evaluation of Climate Action Plans and C40’s Thematic Networks.” Report submitted to the Children’s Investment Fund Foundation (CIFF). Oakland, CA: Mathematica.

Harris, Anthony, Anthony Louis D’Agostino, Sara Litke-Farzaneh, Beryl Seiler, and Matt Sloan. (2020) “Morocco Land Productivity Project: Evaluation Design Report.” Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica.

D’Agostino, Anthony Louis, Christopher Ksoll, Patricia Costa, Galina Lapadatova, and Matt Sloan. (2019) “Niger Irrigation and Market Access: Evaluation Design Report.” Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica.

Coen, Thomas, Anthony Louis D’Agostino, Naomi Dorsey, Arif Mamun, Hua Xie, Yating Ru, Ephraim Nkonya, and Claudia Ringler. (2019) “Interim Report for Evaluation of the ENRM Project in Malawi.” Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica and IFPRI.

Litke-Farzaneh, Sara, Anthony Harris, Beryl Seiler, Anthony Louis D’Agostino, Sarah Hughes, and Matt Sloan. (2019) “Evaluability Assessment for the Morocco Land Productivity Project.” Report submitted to the Millennium Challenge Corporation. Washington, DC: Mathematica.

Stanimirova, Radost, Helen Greatrex, Rahel Diro, Geoff McCarney, Jessica Sharoff, Bristol Mann, Anthony Louis D’Agostino, Marshall Rogers-Martinez, Sarah Blakeley, Christopher Small, Pietro Ceccato, Tufa Dinku, and Daniel E. Osgood. (2014) “Using Satellites to Make Index Insurance Scalable: Final IRI Report to the UN

ILO Microinsurance Innovation Facility.”

## WORKING PAPERS

Rode, Ashwin, Rachel E. Baker, Tamma Carleton, Anthony Louis D’Agostino, Michael Delgado, Tim Foreman, Michael Greenstone, Trevor Houser, Solomon Hsiang, and contributing authors. (2022) “Labor Disutility in a Warmer World: The Impact of Climate Change on the Global Workforce.”

D’Agostino, Anthony Louis. (2017) “Technical Change and Gender Wage Inequality: Long-Run Effects of India’s Green Revolution”

## RESEARCH IN PROGRESS

Frank, Eyal, Anthony Louis D’Agostino, and Claire Palandri. “Short- and Long-Run Effects of Factory Farms: Evidence from the US.”

## GRANTS AND AWARDS

2021	USDA NIFA - “The Economic Disamenities and Health Impacts of Animal Feeding Operations’ Practices in the United States.” 2021-2025. \$596,065 (External Consultant)
2015	Center for Development Economics and Policy Student Research Grant
2015	Columbia Development Colloquium Research Grant
2014	Columbia Global Policy Initiative’s Graduate Global Policy Research Fellowship
2011 - 2017	Columbia University Faculty Fellowship
2006 - 2008	Lee Kuan Yew Graduate Scholarship for Public Policy
2007	Harwin Gold Award for Academic Studies
2002	Jacob Cooper Prize for Excellence in Philosophy & Logic
2002	Phi Beta Kappa
1998 - 1999	Samuel Henry Bell Scholarship

## PROFESSIONAL ACTIVITIES

### *Affiliations*

2022 -	Center for Environmental Economics and Policy (Columbia)
2018 -	Affiliated Scholar - Center on Food Security and the Environment (Stanford)
2014 -	Fellow - Center for Development Economics and Policy (Columbia)

### *Refereeing*

World Development, American Journal of Agricultural Economics, Agricultural Economics, Climate Change Economics, Nature Sustainability, Land Economics, Applied Economic Perspectives and Policy, Climate and Development, Asian Development Review

## PRE-DOCTORAL EMPLOYMENT

2009 - 2011	National University of Singapore, Research Fellow.
2008 - 2009	World Resources Institute - Greenhouse Gas Protocol, Research Intern.
2007	UNEP-Regional Office for Asia and the Pacific, Intern.
2003 - 2004	Easter Seals New Jersey - Behavioral Health Services, Case Manager.

## SKILLS

R, Stata, Google Earth Engine, Databricks, QGIS, ArcGIS, L<sup>A</sup>T<sub>E</sub>X, Sen2-Agri, Python, SQL