

Will Rafey

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Education

MIT, PhD, Economics May 2020
Essays in Environmental Market Design
Advisers: Daron Acemoglu, Nikhil Agarwal, Parag Pathak, Michael Whinston

Cambridge University, MA, Pure Mathematics (part III of the mathematical tripos) June 2014

Harvard College, BA, Social Studies, *summa cum laude* May 2013

Academic positions

University of California, Los Angeles July 2021–present
Assistant Professor, Department of Economics

University of California, Berkeley July 2020–June 2021
Ciriacy-Wantrup Postdoctoral Fellow

Research interests

Environmental Economics, Industrial Organization

Working papers

1. “Droughts, deluges, and (river) diversions: Valuing market-based water reallocation.” September 2020 (first draft, October 2019). Revise and resubmit, *American Economic Review*.
2. “Mirage on the horizon: Geoengineering and carbon taxation without commitment,” with Daron Acemoglu. *NBER Working Paper*, **24411**, March 2018.

Research in progress

1. “Conservation priorities and environmental offsets,” with Daniel Aronoff.
2. “Dynamic gains from water trading.”

Publications

1. “Competing discourses of energy development: The implications of the Medupi coal-fired power plant in South Africa,” with Benjamin K. Sovacool. *Global Environmental Change*, **22** (3), August 2011, pp. 1141–1151.

Teaching

TA, MIT 14.475, Environmental Economics (PhD) Spring 2020

TA, MIT 14.131/14.13, Psychology and Economics (UG) Spring 2020

Instructor, MIT Economics, Math Camp (PhD) 2016–2018

TA, Harvard College, Math 23a–b, Linear Algebra & Real Analysis I–II (UG) 2012–2013

Fellowships and honors

National Science Foundation Graduate Research Fellowship 2014–2019

Price Theory Scholarship, Becker Friedman Institute at the University of Chicago	2016
Harvard-Cambridge Fellowship (Lt. Charles H. Fiske III Scholarship at Trinity College)	2013–2014
Hoopes and Alexis de Tocqueville Prizes (senior thesis)	2013
Phi Beta Kappa	2012

Research grants

George and Obie Schultz Fund Grant	2016–2018
MIT Environmental Solutions Initiative Seed Grant (P.I.s: P. Pathak & D. McLaughlin)	2015–2017
MIT International Science and Technology Initiatives (MISTI) Research Travel Grant	2016
MIT Priscilla King Gray Public Service Center IAP Fellowship	2015
Weatherhead Center for International Affairs Summer Research Grant	2012
Kenneth I. Juster Fellowship	2012

Seminar and conference presentations

2019–2020. LSE Workshop in Environmental Economics; Monash Business School; MIT; NBER Summer Institute (EEE); Wharton; University of California, Berkeley; University of California, Los Angeles; University of Toronto; University of Wisconsin-Madison; Western Economic Association International Annual Conference.

2018–2019. University of California, Berkeley, Advanced Workshop on Climate Change Economics; University of Oslo, Workshop on Political Economy of the Environment.