

Stanford



Nathan Ratledge

Ph.D. Student in Environment and Resources

Bio

BIO

My research focuses on the economics and impacts of clean energy and climate technology, especially in developing countries.

Immediately prior to E-IPER I worked with Resources for the Future and founded a energy and climate policy consulting firm, Apogee EP. Earlier, I was the Executive Director of the Community Office for Resource Efficiency.

I received an MPA and certificate in Science, Technology and Environmental Policy from Princeton's School of Public and International Affairs, where I was awarded the David Bradford Prize. I graduated summa cum laude from the University of Georgia, where I was a Foundation Fellow.

HONORS AND AWARDS

- TomKat Graduate Fellow in Sustainable Energy, Tomkat Center for Sustainable Energy
- Kimmelman Family Fellow, E-IPER

EDUCATION AND CERTIFICATIONS

- MPA, Woodrow Wilson School of Public and International Affairs, Princeton University , Energy and Climate Economics; Science, Technology and Environmental Policy (2014)
- BA, University of Georgia , Anthropology, minors in English and Environmental Ethics

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Nathan studies the economics and impacts of energy systems and climate technology, including in developing countries. Specifically, his research covers the intersection of economics, business development and system design, as well as the environmental impacts of energy development. Additional topical issues include energy access, e-mobility, air quality and public health. Methodologically, Nathan's work has included several elements of machine learning to overcome data and inference challenges.

Publications

PUBLICATIONS

- **Emissions from fossil fuels produced on US federal lands and waters present opportunities for climate mitigation** *CLIMATIC CHANGE*
Ratledge, N., Zachary, L., Huntley, C.
2022; 171 (1-2)

- **Public lands fly under climate radar** *NATURE CLIMATE CHANGE*
Ratledge, N., Davis, S. J., Zachary, L.
2019; 9 (2): 92–93