

Mokshda Kaul

Arizona State University
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EDUCATION

PhD Sustainable Energy Arizona State University	Tempe, AZ 2020 - Present
M.A. in Economics Mumbai School of Economics and Public Policy, Mumbai University	Mumbai, India 2016 - 2018
B.A. in Economics Ramnarain Ruia College, Mumbai University	Mumbai, India 2013 - 2016

RESEARCH EXPERIENCE

Just Energy Transition Center, Arizona State University Graduate Research Associate (Energy Justice)	Tempe, AZ 2023 - Present
<ul style="list-style-type: none">• Evaluating the existing efforts, barriers, opportunities and potential solutions for advancing deployment of renewable distributed energy resources increasing home electrification for Navajo and Hopi Tribes	
PSE Healthy Energy Research Intern (Carbon Capture and Storage)	Oakland, CA Summer 2022
<ul style="list-style-type: none">• Data analysis and writing a technical report on environmental justice issues and environmental impact of technologies related to carbon capture and storage	
re-Engineered, Arizona State University Graduate Research Associate (Energy and Environmental Justice)	Tempe, AZ 2021 - 2022
<ul style="list-style-type: none">• Evaluating Water Power Technologies (WPTO) Office's current program portfolios using key energy and environmental justice tenets• Understanding organizational barriers to incorporating energy and environmental justice in WPTO's portfolio	
Grassroots Energy Innovation Lab, Arizona State University Graduate Research Associate (Energy Economics)	Tempe, AZ Summer 2021
<ul style="list-style-type: none">• Worked on survey data to examine residential and small businesses energy use patterns in Sierra Leone	
Prayas (Energy Group) Research Associate (Energy Economics, Consumer Advocacy)	Pune, India 2018 - 2020
<ul style="list-style-type: none">• Analyzed methodologies for estimating technical and commercial losses in the transmission and distribution of electricity• Designed, conducted and statistically analyzed surveys to identify patterns in residential energy end-uses to inform energy efficiency policies• Performed statistical and econometric data analyses (specifically data modelling) for developing a module for residential demand in a detailed energy systems model	

Ministry of External Affairs, Government of India

Research Intern - Central Europe Division

New Delhi, India

Summer 2017

- Analyzed and wrote research papers on International Law and International Climate Law, analyzing its legal efficacy within the context of the Paris Accords

Tribal Development Department, Government of Maharashtra

Research Intern

Mumbai, India

Summer 2017

- Conducted research under the Secretary of the department on a comparative study of special tribal schools, wrote a report with recommendations using this analysis

PUBLICATIONS

Reports

1. **Kaul, M.**, Kulkarni, S., & Chunekar, A. (2020). [Conditioning Behaviour: Insights On Use Of Air-Conditioners In Five Indian Cities.](#)
2. **Kaul, M.**, Sahasrabudhe, A., Kulkarni, S., & Chunekar, A. (2020). [Energy Consumption Patterns in Indian Households: Insights from Uttar Pradesh and Maharashtra.](#)
3. **Kaul, M.**, Sahasrabudhe, A., Kulkarni, S., & Chunekar, A. (2020). [Energy Consumption Patterns in Indian Households: Insights from Pune, Talegaon Dabhade and Ahmednagar](#)
4. **Kaul, M.**, & Josey, A. (2019). [The Percentage Problem.](#)

Working Papers

1. "Understanding change in an ecosystem of organizations: The case of energy and environmental justice in the US federal government" with Dr. David Oonk , Dr. Nicole Darnall and Dr. Darshan Karwat Target Journal: *Journal of Business Ethics* Target Submission: April 2023.
2. "Just Transition Funds in U.S. States: Explaining Variation in Political Process and Policy Design" with Dr. Hanna L Breetz and Rebecca Shelton, Leah C Kunkel Target Journal: *Environmental Politics* Target Submission: April 2023.
3. "Using a Critical Public Values Mapping to Understand Energy and Environmental Justice in Technology Policy and Programs in the US Department of Energy" with Dr. David Oonk and Dr. Darshan Karwat in *Renewable & Sustainable Energy Reviews* (Submitted July 2022).
4. **Kaul, M.**(2018)[Wages in the Informal Sector with a Special Emphasis on Migration.](#) ISFIRE Working Paper Series,(November, 2018). ISSN: 2454-5597

Media and Conferences

1. Kaul, M, Understanding change in an ecosystem of organizations: The case of energy and environmental justice in the US federal government, *Association of Public Policy and Management, November 2022*
2. Josey, A., & Kaul, M. (2019) [Whose TD loss is it anyway? - The Hindu BusinessLine](#)

SOFTWARE & LANGUAGES

- **Programming:** R (Expert), SPSS (Intermediate), STATA (Basic)
- **Presentation:** Rmarkdown , L^AT_EX, Microsoft Suite
- **Languages:** English, Hindi, Mandarin

SCHOLARSHIPS & AWARDS

- Ray Anderson Memorial Scholarship (2021) School of Sustainability, Arizona State University
- Kalpana Agarwal Memorial Gold Medal for graduating first in class in M.A. Economics (2018)
- The Economics Rolling Trophy for graduating first in class in B.A. Economics (2016)