

# Kedar Kulkarni

---

<b>CONTACT INFORMATION</b>	Department of Applied Economics Oregon State University Ballard Extension Hall 319 B 2591 SW Campus Way Corvallis, OR 97331	<i>E-mail:</i> <a href="mailto:kulkarnk@oregonstate.edu">kulkarnk@oregonstate.edu</a> <a href="https://kulkarnk.wixsite.com/kedarkulkarni">https://kulkarnk.wixsite.com/kedarkulkarni</a> <i>Mobile:</i> +1 (541) 908 - 8662
<b>DOCTORAL STUDIES</b>	<b>Oregon State University, USA</b> PhD, Applied Economics. Expected Completion: June, 2021 <ul style="list-style-type: none"><li>• DISSERTATION: "Quantifying Vulnerability of Crop Yields in India to Weather Extremes"</li><li>• COMMITTEE: John Antle (Chair), Christian Langpap, Kassahun Melesse and Jeffrey Reimer.</li></ul> PRIMARY FIELDS: Agricultural Economics, Development Economics SECONDARY FIELDS: Applied Microeconomics and Econometrics, Environmental Economics	
<b>REFERENCES</b>	<u>Professor John Antle</u> Department of Applied Economics Oregon State University Ballard Extension Hall 307F 2591 SW Campus Way Corvallis, OR - 97331 +1 (541) 737-1425 <a href="mailto:John.Antle@oregonstate.edu">John.Antle@oregonstate.edu</a>	<u>Professor Jennifer Alix-Garcia</u> Head, Department of Applied Economics Oregon State University Ballard Extension Hall 2591 SW Campus Way Corvallis, OR - 97331 +1 (541) 737-2691 <a href="mailto:jennifer.alix-garcia@oregonstate.edu">jennifer.alix-garcia@oregonstate.edu</a>
	<u>Professor David Lewis</u> Department of Applied Economics Oregon State University Ballard Extension Hall 200A 2591 SW Campus Way Corvallis, OR - 97331 +1 (541) 737-1334 <a href="mailto:lewisda@oregonstate.edu">lewisda@oregonstate.edu</a>	<u>Professor Jeffrey Reimer</u> Department of Applied Economics Oregon State University Ballard Extension Hall 231 2591 SW Campus Way Corvallis, OR - 97331 +1 (541) 737-1415 <a href="mailto:jeff.reimer@oregonstate.edu">jeff.reimer@oregonstate.edu</a>
<b>PLACEMENT DIRECTOR</b>	Professor Jeffrey Reimer +1 (541) 737-1415 <a href="mailto:jeff.reimer@oregonstate.edu">jeff.reimer@oregonstate.edu</a>	
<b>PRIOR EDUCATION</b>	<b>Université Paris 1 Panthéon Sorbonne and Ca' Foscari University of Venice</b> M.S., Models and Methods in Quantitative Economics	2016
	<b>University of Hyderabad</b> Integrated Master of Arts (I.M.A) in Economics	2014
<b>TEACHING EXPERIENCE</b>	AEC 250 Introduction to Environmental Economics and Policy ( <i>E-Campus</i> ) Instructor of Record ( <i>Dept. of Applied Economics, Undergraduate</i> )	F2018 - F2020
	AEC 250 Introduction to Environmental Economics and Policy) ( <i>Hybrid</i> ) Course Instructor ( <i>Dept. of Applied Economics, Undergraduate</i> )	Winter 2020
	AEC 625 Advanced Econometrics - I Lab Instructor ( <i>Dept. of Applied Economics, Graduate</i> )	Winter 2018
	AEC Math Camp Course Instructor ( <i>Dept. of Applied Economics, Graduate</i> )	Summer 2018, 2020
	AEC 250 Introduction to Environmental Economics and Policy Teaching Assistant for Dr. David Lewis ( <i>Dept. of Applied Economics, Undergraduate</i> )	Spring 2017, 2018

AEC 351 Environmental Economics and Policy	Fall 2017
Teaching Assistant for Dr. Monica Fisher ( <i>Dept. of Applied Economics, Undergraduate</i> )	
AEC 221 Agricultural Marketing and Policy	Winter 2017
Teaching Assistant for Dr. Nadia Streletskaia ( <i>Dept. of Applied Economics, Undergraduate</i> )	
AEC 251 Introduction to Agricultural and Food Policy	Fall 2016
Teaching Assistant for Dr. James Sterns ( <i>Dept. of Applied Economics, Undergraduate</i> )	

<b>RESEARCH EXPERIENCE</b>	Department of Applied Economics, Oregon State University	2018
	Research Assistant for Dr. John Antle	
	International Institute of Applied Systems Analysis, Austria	2018
	Young Scientists Summer Program (YSSP)	
	Indian Institute of Management - Bangalore, India	2014
	Academic Associate	
	Indian Institute of Management - Ahmedabad, India	2013
	Summer Research Intern	
	University of Alberta, Canada	2012
	Summer Research Program	
<b>FELLOWSHIPS, GRANTS AND AWARDS</b>	D.Barton DeLoach Graduate Scholarship (\$7800)	2020
	Emery Castle Scholarship (\$2000)	2019
	National Academy of Sciences (\$5500)	2018
	Erasmus Plus Scholarship (€1250)	2015
	University of Alberta Summer Research Grant (C\$ 5000)	2012

#### PUBLICATIONS

##### Working Papers

**Kulkarni, K** "Quantifying vulnerability of crop yields in India to weather extremes." ([Job Market Paper](#))

**Abstract:** Most of the existing climate change impacts studies on agriculture focus on mean economic impacts and neglect distributional and other dimensional impacts of climate change. In this paper, we develop an indicator of "climate vulnerability" which allows us to quantify both the likelihood of a loss in crop yields and the extent of the loss associated with extreme weather events. We then demonstrate the utility of this indicator by applying it to a panel data from India for the period 1970-2011. Specifically, we use the partial moments model to examine the effects of extreme weather events on the vulnerability of rice yield distribution. Our results show that extreme dry and wet weather events significantly increase the vulnerability of agricultural systems while irrigation and high-yield variety (HYV) seeds are found to increase resilience thereby reducing agricultural systems' vulnerability to weather extremes. Further, we also find vulnerability to be greater for female labor as compared to male labor. We discuss the implications of our results for policymakers, especially in the context of crop insurance programs.

##### Work in Progress

**Kulkarni, K.** "Can online experiments improve student outcomes in economics? Evidence from an extended campus course"

<b>CONFERENCES</b>	Applied Economics Working Group Sessions ( <i>Invited</i> ), Oregon State University	2020
	Agricultural and Applied Economics Association (AAEA) Annual Meeting ( <i>Virtual</i> )	2020
	Western Agricultural Economics Association (WAEA) Annual Meeting ( <i>Virtual</i> )	2020
	Northwest Development Workshop at University of Washington, Seattle	2019
	Centre for Economic and Social Studies (CESS), Hyderabad, India	2013
	The Energy and Research Institute (Poster), New Delhi, India	2013
<b>SERVICE AND MEMBERSHIP</b>	<b>Referee:</b> 2019 and 2020 AAEA Annual Meeting	
	<b>Member,</b> AAEA, WAEA	
	<b>Member,</b> Graduate Student Advisory Board (GSAB), Department of Applied Economics, OSU	
<b>CITIZENSHIP</b>	Indian	
<b>LANGUAGES</b>	English (Proficient), Hindi/Marathi (Native), Telugu / Urdu (Intermediate), French and Italian (Basic)	