

# Sayahnika Basu

---

Department of Economics  
Arizona State University  
P.O. Box 879801  
Tempe AZ 85287

phone: (346) 234-1997  
email: sayahnika.basu@gmail.com  
website: www.sayahnikabasu.com  
*updated July 2020*

---

## Research Interests

Development Economics, Environmental Economics, Applied Microeconomics

## Education

Ph.D., Economics, Arizona State University (*Expected May 2021*)

*Co-chairs: Kelly Bishop, Nicolai Kuminoff*

M.A., Economics, Jadavpur University, Kolkata, India, 2015

*Top 5% of Graduating Class*

B.S., Economics, St. Xavier's College, Kolkata, India, 2013

*First Class Honours*

## Working Papers

"Drought Shocks, Household Risk-Sharing and Occupation Choices" (*Job Market Paper*)

"Does Drought Accelerate Structural Change in India?"

## Research in Progress

"Environmental Justice for Seniors? Evidence from the Superfund Program" with Jonathan Ketcham and Nicolai Kuminoff

"Rising Above the Employment Challenge in African Cities." with Luc J. Christiaensen, Nancy Lozano-Gracia, Qing Zhong and Valerie Mueller

"Airport Expansion, Air Pollution, and Death Count in Mexico City." with Luis A. Fernández Intriago

## Research Experience

Research Fellow, Center for Environmental Economics and Sustainability Policy, ASU, 2017-Present

Research Assistant, The World Bank, Summer 2020

Research Assistant, Prof. Valerie Mueller, Arizona State University, Spring 2020

## Teaching Experience

**Instructor**, Arizona State University

Business Statistics (Spring 2019, Summer 2019)

## **Teaching Assistant**, Arizona State University

Environmental Economics (Fall 2019)  
Macroeconomic Principles (Fall 2019)  
Applied Regression Analysis (Spring 2018, Fall 2018)  
Microeconomic Principles (Fall 2017, Spring 2018)  
Macroeconomic Principles (Spring 2017)  
International Trade Theory (Fall 2016)  
South Asia and the World Economy (Fall 2016)

## **External Presentations**

Western Economic Association Summer Meetings, San Francisco, CA, 2019  
Association of Environmental and Resource Economists, Lake Tahoe, NV, 2019  
Economic Research Unit, Indian Statistical Institute (ISI) Kolkata, India, 2018  
Centre for Studies in Social Sciences Kolkata, India, 2018

## **Honors/Awards**

Teaching Excellence Award, ASU Graduate & Professional Student Association, 2019  
Travel Award, ASU Graduate & Professional Student Association, 2019  
Graduate Performance Award, ASU Department of Economics, 2019  
Graduate Performance Award, ASU Department of Economics, 2018

## **Computer Skills**

Programming Languages: Stata, Matlab, Python, R  
Applications: L<sup>A</sup>T<sub>E</sub>X, Microsoft Office Suite

## **References**

### **Kelly Bishop (co-chair)**

Assistant Professor  
Department of Economics  
Arizona State University  
kuminoff@asu.edu  
480.727.9802

### **Nicolai Kuminoff (co-chair)**

Associate Professor  
Department of Economics  
Arizona State University  
kelly.bishop@asu.edu  
480.727.0684

### **Berthold Herrendorf**

Professor  
Department of Economics  
Arizona State University  
berthold.herrendorf@asu.edu  
480.965.1462

### **Valerie Mueller**

Associate Professor  
School of Politics  
and Global Studies  
Arizona State University  
vmuelle1@asu.edu  
480.965.9321

### **Alvin Murphy**

Associate Professor  
Department of Economics  
Arizona State University  
alvin.murphy@asu.edu  
480.965.7995

### **Kelvin Wong (Teaching)**

Clinical Assistant Professor  
Department of Economics  
Arizona State University  
kelvinwong@asu.edu  
480.965.3531