Niklas Lollo

EXPERIENCE

2015 – PRESENT

PhD Student
University of California, Berkeley

- Panel data analysis, econometric evaluation, modeling, research design, and implementation of a 2-year multi-stakeholder intervention on wages, working conditions and productivity in a Thai clothing factory.

- Panel data analysis, research design, survey design, and descriptive analysis of the Sustainable Apparel Coalition's Higg Index.

- Spatial analysis of US carbon footprint data at census block group level for the Cool Climate Network. Skills: Geographically-weighted regression.

2011 – 2012, 2013 – 2015

Research Associate
University of California, Berkeley

- Co-authored review on sustainable consumption.

- Literature review on supply chain sustainability measurement and innovation for 2014 Science article.

- Helped secure over $200,000 in grants from C&A Foundation, Tides Foundation and Center for Responsible Business

- Assisted World Economic Forum Global Action Committee projects on behavior change and sustainability

- Devised and assisted pilot experiments on sustainable consumer behavior using GoodGuide platform.

- Drafted pre-proposal: Governance for Sustainability Center.

- Literature reviews of citizen consumers and consumer decision making for 2013 book and 2015 paper.

PUBLICATIONS

Transforming Consumption: From Decoupling, to Behavior, to Systems Change for Sustainable Consumption
Dara O'Rourke and Niklas Lollo
Annual Reviews of Environment and Resources 40: 233–259, 2015
doi: 10.1146/annurev-environ-102014-021224

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EDUCATION

In-progress	**Energy & Resources Group, PhD**
2017	**Energy & Resources Group, MS**
	U. of California, Berkeley
2012	**Economics, BA**
	U. of California, Berkeley

AWARDS

2017	NSF Graduate Research Fellowship Honorable Mention
2016	NSF UC Berkeley Data Science Fellow
2015	Charles K. Birdsall Fellowship
2015	Precourt Fellowship

CERTIFICATIONS & TRAININGS

2018	DS421 Science Communication Workshop
2017	Degrowth & Environmental Justice
2016	Graduate Assembly Equity & Inclusion Certificate
2015	Future Earth Research Co-design Training

SKILLS

Capable	R, Markdown, R Shiny, Git
	Econometrics, Surveys, Interviews
Research Design	
Basics	Julia, Python, STATA
	QGIS, ArcGIS, GeoDa, LaTeX
	Computational Text Analysis
Languages	Spanish (conversational)

CONFERENCE PRESENTATIONS

Identifying the Potential for Impact of Higg FEM
Sustainable Apparel Coalition Member Meeting, 2017

A Historical Account of Genuine Accounts
Accepted for 5th Degrowth Conference, 2016

Work Experience

2013

Regulatory Analyst
Advanced Energy Economy, San Francisco, CA

2012-2013

Economic Justice Intern
The Agenda Project, New York, NY

2011

Community Development Coordinator
B Lab ⇗, San Francisco, CA

2010

English Tutor
OY English, Shenzhen, People's Republic of China

Active Projects

Hawaii Wildfire Management Organization Data science project to assist wildfire preparedness in Hawaii.

Energy & Resources Group Alumni Network Boardmember in charge of alumni-student relations. Spearheaded the mentoring program.

Past Projects

Fair Tech Collective Dynamic RShiny project for citizen scientists to link Bay Area refinery pollution data to personal health outcomes. ⇗

Society, Environment and Economics Lab Open-source coding of the PAGE climate-economy integrated assessment model used by the U.S. Environmental Protection Agency. ⇗

KALX Produced four episodes for the radio show, Method to the Madness, about innovations at the interface between soiety and environment.

ERG Student Diversity Committee Led design and coordination of first annual mandatory Equity, Inclusion & Diversity training for all staff, researchers, students and faculty members. Wrote highly-commended NSF proposal to advance diversity in STEM fields.

Living the Next Economy Conference 2016 Advising for 2016 conference on racial and economic inequality.

Berkeley Flextime Initiative Member of core organizing committee that successfully pushed for flexible work legislation in Berkeley.

Courses

Graduate Econometrics: Multiple Equation Estimation, Reproducible and Collaborative Data Science, Social and Ecological Modeling, Spatial Data Analysis, Social Science Research Methods, Climate Change Economics, Environmental Engineering, History of Quantification, Environmental Problem Solving, Energy & Society, Introduction to Science and Technology Studies, Linear Algebra and Differential Equations

Workshops Python, R for Data Science, Computational Text Analysis, Spatial Analysis in R, QGIS & ArcGIS

Undergraduate Applied Econometrics, Econometrics, Classical Political Economy, Behavioral Economics, International Monetary Economics, Ecological Economics, The Chinese Economy, Environmental Justice, Development Studies, Capitalisms and Cultures

Professional Activities

Journals Reviewer for: Consumer Behaviour, Cleaner Production   (2x)

Affiliations: Future Earth, Sustainable Consumption Research and Action Initiative (SCORAI)

Teaching

2012   History of Economic Thought (Discussion)
2011   New Media (Discussion)

References

Dr. Dara O'Rourke ✉ orourke@berkeley.edu
Associate Professor, U. of California, Berkeley

Dr. Richard Norgaard ✉ norgaard@berkeley.edu
Professor Emeritus, U. of California, Berkeley

Dr. David Anthoff ✉ anthoff@berkeley.edu
Assistant Professor, U. of California, Berkeley