

Pralhad Burli, Ph.D.

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Summary

- Applied economist conducting interdisciplinary research spanning areas of renewable energy, agriculture, sustainability, environmental management, and policy.
 - Versatile skill-set including strong quantitative skills and project management experience.
 - Adept at executing multidisciplinary projects by drawing insights from different fields.
 - Competent at effectively communicating insights to diverse audiences.
 - Strong leadership skills, experience working in collaborative environments and with individuals having varied professional and cultural backgrounds.
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Experience

Idaho National Laboratory

Economist

Acting Group Lead - Economic and Operational Analysis

Idaho Falls, USA

Oct 2019 - Present

May 2023 - Present

- Lead research projects as a Principal Investigator (PI)/Co-PI on resource mobilization for bioenergy and decarbonization pathways towards a net-zero energy transition.
- Contribute to the International Energy Agency (IEA) Task 40 research agenda on the deployment of bio-based value chains.
- Support research projects in sustainable agricultural practices, development of risk analysis tools for supply chain analyses, and economic evaluation of technologies for waste management.

Agricultural Economist Postdoc

Feb 2019 - Oct 2019

- Applied computational approaches for complex systems including logistics modeling, feedstock processing, farmer decision making, and technoeconomic analysis.

Montclair State University

Postdoctoral Associate

New Jersey, USA

Jan 2018 - Feb 2019

- Led projects focused on applications of discrete choice methods for decision-making and potential for renewable energy applications.
- Led analytics, project management, reporting, grant writing, and mentored/managed research teams.

Research Assistant

Sep 2013 - Dec 2017

- Collaborated on bioenergy related projects supported by the US Department of Energy, United States Department of Agriculture, and the National Science Foundation.
- Assessed the potential for advanced biofuels in the United States by conducting socioeconomic and environmental analyses using statistical, financial, and life cycle assessment models.

Organization for Economic Cooperation and Development (OECD)

Climate Finance and Investment Intern

Paris, FRANCE

Summer 2016

- Contributed to econometric analyses on projects related to low-carbon transition.
- Co-authored a working paper titled "The Empirics of Enabling Investment and Innovation in Renewable Energy"; OECD Environment Working Papers, No. 123, OECD Publishing, Paris. <http://dx.doi.org/10.1787/67d221b8-en>.

Deloitte - Strategy, Research, and Innovation

Senior Analyst - Economist

Hyderabad, INDIA

Jun 2010 - Mar 2013

- Authored/co-authored articles for Deloitte Research's flagship publications titled 'Global Economic Outlook' and 'Asia Pacific Economic Outlook'.
- Developed a risk assessment framework to assist in preparing country-specific strategies for member firms and contributed to research in the areas of consumer products, corporate strategy, and sustainability.

The World Bank**Consultant - Poverty Reduction and Economic Management Unit**

New Delhi, INDIA

Aug 2007 - May 2008

- Developed debt sustainability models for state governments as part of the Development Policy Lending (DPL) operations in India.
- Contributed to fiscal analysis for 'The First Bihar Development Policy Loan/Credit' (Loan amount \$150 million and SDR \$47.8 million).

Crisil - An S&P Global Company**Executive - Sovereign Ratings**

Mumbai, INDIA

Sep 2006 - Aug 2007

- Participated in the process of assigning ratings for numerous sovereigns in Europe, the Middle East and Africa by maintaining databases and making forecasts for variables of economic interest.
- Modeled national income statistics, monetary indicators, fiscal and debt structure and evaluated the balance of payments and international investment position for these nations.

University of Mumbai, Department of Economics**Research Assistant**

Mumbai, INDIA

Summer 2006

- Designed and administered a survey, and performed primary data analysis to study livelihood patterns and food security situations in Maharashtra, India.

Education**Montclair State University**

Doctor of Philosophy (Environmental Management)

New Jersey, USA

2018

University of Southern California

Master of Arts (Economics)

Los Angeles, USA

2009

University of Mumbai

Master of Arts (Economics)

Mumbai, INDIA

2006

Bachelor of Commerce (Accounting)

2004

Awards and Scholarships

- Association of Environmental and Resource Economics (AERE) Scholars Program (2021-22)
- Doctoral Research Award, College of Science and Mathematics (CSAM), Montclair State University (2016)
- Graduate Merit Award, Department of Economics, University of Southern California (2008-09)
- The World Bank 'Spot Award' (2008)
- Merit Scholarship, Department of Economics, Mumbai University (2005-06)

Workshops / Certifications

- Clean Energy Leadership Institute (CELI) Fellow 2022
- Machine Learning and Causal Inference, Mixtape Sessions, Oct 2022.
- Introduction to Agent-Based Modeling, Santa Fe Institute (offered online), Jul-Sep 2019.
- Colorado Technology Primer for Economists and Social Scientists, Colorado School of Mines, August 2019.
- How Green Is That Product? An Introduction to Life Cycle Environmental Assessment, Northwestern University (offered through Coursera), April 2014.

Computing Skills

Data Analysis:

R, JMP

Numerical Computation/Simulation: MATLAB, ExtendSim, Netlogo, Python

Text Processing:

L^AT_EX, MS Office