

EDWARD M. WHITNEY is an economist specializing in systems-based approaches to livelihoods-centered policy design and evaluation. Global work experience includes providing consultancy services for a wide variety of international organizations while demonstrating proficiency in project management and quantitatively rigorous methods applicable to climate resilience and resource management.

EDUCATION

University of California-Davis (Davis, CA) <i>PhD in Agricultural and Resource Economics (ARE)</i>	2024
American University (Washington, DC) <i>MA in International Development</i>	2012
University of Utah (Salt Lake City, UT) <i>BS in Economics, Magna cum Laude</i>	2006

RESEARCH

Graduate Student Research --- University of California, Davis **2018-2023**
Most Recent Project: Recreational Charter Fisheries in Alaska (2022-2023)

- Analyzed the impact of policy changes on entry-exit decisions of Alaskan charter fishers, focusing on economic resilience in the face of evolving environmental conditions.
- Collaborated on research design and data analysis using advanced statistical techniques, including nested logit and survival analysis.

Consultant --- The World Bank (WB) **2019-2020**
Project Focus: Economic impact of nature-based tourism

- Co-designed data collection instruments and training curricula for multi-country project (Zambia, Nepal, and Fiji). Managed fieldwork, supervising data collection and ensuring data integrity.
- Assessed economic impacts of nature-based tourism in Zambia, Nepal, and Fiji, offering insights applicable to climate-adaptive resource management strategies.
- Co-authored analytical reports and published journal article, utilizing data to assess economic impacts effectively.

Consultant --- UN World Food Programme (WFP) **2018**
Project Focus: School feeding programs and local-economy outcomes across Kenya

- Led survey design and data collection operations across multiple regions. Conducted enumerator training and managed data using tablet-based survey tools.
- Conducted data-driven evaluations of school feeding programs and their effects on local economies, with potential applications to climate-sensitive policy adjustments, while contributing to high-quality research outputs and policy recommendations.

Consultant --- UN International Fund for Agricultural Development (IFAD) 2017-2018
Project Focus: Economic impact of promoting cash-crop production in Uganda

- Supervised enumerator training and comprehensive survey operations.
- Directed data collection and processing, ensuring accuracy and relevance of research data.

Research Analyst --- International Food Policy Research Institute (IFPRI) 2012-2015

- Assisted in designing and implementing large-scale surveys on rural household dynamics.
- Analyzed complex datasets using a variety of statistical methods, including small area estimation.
- Managed and prepared survey data for publication and presented at international forums.

TEACHING

University of California, Davis 2016-2023
Teaching Assistant and Associate Instructor (Summer 2020)

- Developed syllabi and curricula with instruction focused on econometrics, policy evaluation, and economic development. Graded papers, held office hours, facilitated weekly discussion sessions.
- Courses included:

ESP 168P: Environmental Policy Evaluation	Winter 2023
ARE 106: Econometrics	Fall 2020, Fall 2021
ARE 150: Agricultural Labor	Spring 2021
ARE 115A: Economic Development	Fall 2017, Winter 2018, Summer 2020, Winter 2021
ARE 204A: Microeconomic Analysis I	Fall 2016

TECHNICAL SKILLS

Skills: Mathematical Modeling, Data Analysis, Project Management, Survey Design
Computer Languages: Stata, MATLAB, GAMS, R, Python, Latex

SELECT CO-AUTHORED PUBLICATIONS

- “Economic Impact of Nature-Based Tourism.” In: PLOS ONE 18.4, pp. 1–16. **2023**
- “IFAD Research Series 40: Local-Economy Impacts of Cash Crop Promotion.” **2019**
- “Heterogeneous Effects of Urban Land Titling: A Replication of ‘Property Rights for the Poor’.” In: The Journal of Development Studies, pp. 1–4. **2018**
- “Decentralised Beneficiary Targeting in Large-Scale Development Programmes: Insights from the Malawi Farm Input Subsidy Programme.” In: Journal of African Economies 24.1. **2015**