Shreezal G C

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Citizenship – Nepal

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EDUCATION

Ph.D. in Agricultural and Resource Economics, Colorado State University — 2024 – Present

M.A. Economics, Tribhuvan University, Nepal — 2021

Bachelor of Commerce (Honors), University of Delhi, India — 2016

RESEARCH INTERESTS

Primary: Environmental and Resource Economics, Natural Disasters, Climate Change
Secondary: Development Economics, Policy Evaluation

RESEARCH EXPERIENCE

Graduate Research Assistant, Colorado State University — 2024
- Strengthening Women's Livestock Cooperatives in Nepal with an Innovative Technology Bundle – *J-PAL & UC Davis*

Research Officer, Prakriti Pragya Nepal — 2023 – 2024
- The Economics of Tobacco Harm Reduction in Nepal: A Discrete Choice Experiment – *Global Action to End Smoking & Cornell University*

Graduate Research Assistant, Tribhuvan University — 2021
- Understanding Implications of COVID-19 on Human Development Extrapolations – *UNDP*

Graduate Research Assistant, Tribhuvan University — 2020
- Constructing Social Accounting Matrix and Estimating Computable General Equilibrium – *Policy Research Institute, Nepal*

WORKING PAPERS

"Temperature and the Allocation of Space: The Value of Escaping Extreme Heat" *Draft available upon request*
Estimate willingness-to-pay to avoid heat using mobility data.

"Air Pollution & Child Development in Nepal"
Examines the effects of prenatal and early-life air pollution exposure on child health and development outcomes in Nepal using Demographic Health Surveys.

"Consumer Preference for Tobacco Harm Reduction Products in LMICs: Results from a Discrete Choice Experiment in Nepal" *Draft available upon request*
Estimates smoker preferences over cigarettes, e-cigarettes, and cessation behavior using a field-based discrete choice experiment among 1,357 adults across 15 cities in Nepal to inform tobacco tax and regulation policy.

TEACHING EXPERIENCE

Instructor, Colorado State University 2024 - present

- AREC 202: Agricultural and Resource Economics (2026)
- AREC 310: Food and Agricultural Markets (2026)
- Code Camp for Incoming PhD Students (2025)
- AREC 305: Agricultural and Resource Enterprise Analysis (2024–2025)

Lecturer, Goldengate College, Tribhuvan University 2023
- Macroeconomics

Teacher, Higher Secondary Education Board, Nepal 2021
- Microeconomics and Macroeconomics

PROFESSIONAL EXPERIENCE

Research Officer, Prakriti Pragya Nepal 2023 – 2024

- Designed and implemented a Discrete Choice Experiment ($n \approx 1{,}200$) to examine consumer preferences for tobacco harm reduction products across urban and rural Nepal.

Research Associate, Inter Disciplinary Analysts 2021 – 2022

- Led implementation of 4 national household surveys across Nepal, coordinating field teams and ensuring data quality for quantitative research projects.

PRESENTATIONS AND CONFERENCES

2023 Himalayan Policy Research Consortium (HPRC), University of New Mexico (UNM) – *online*
2022 Block Course in Energy Economics and Policy, ETH Zurich; Center for Energy Policy and Economics (CEPE); Jawaharlal Nehru University (JNU); Tribhuvan University
2022 Tribhuvan University Annual International Conference in Economics, Nepal
2020 E-International Seminar, Rajiv Gandhi Government Postgraduate College, India – *online*
2019 South Asian Economics Students' Meet, University of Colombo, Sri Lanka

SCHOLARSHIPS AND AWARDS

2013–2016: Indian Embassy's "General Cultural Scholarship Scheme" – Full tuition award for undergraduate studies at University of Delhi, India

SELECTED PUBLICATIONS

GC, S., & Adhikari, N. (2023). Decomposing inequality in maternal and child health (MCH) services in nepal. *BMC public health*, *23*(1), 995. https://doi.org/10.1186/s12889-023-15906-2

GC, S., & Adhikari, N. (2021). Nexus between CO2 emissions, energy use and economic growth in nepal. *Quest Journal of Management and Social Sciences*, *3*(2), 138–161. https://doi.org/10.3126/qjmss.v3i1.41524

Adhikari, N., Shahi, P. R., & GC, S. (2020). Estimating households' vulnerability to poverty. *Economic Journal of Nepal*, *43*(3-4), 17–35. https://doi.org/10.3126/ejon.v43i3-4.48035

SOFTWARE AND TECHNICAL SKILLS

Statistical/Programming	R, Stata, Python (beginner)
Remote Sensing	QGIS, Google Earth Engine
Survey & Data Collection	Kobo Toolbox, ODK, SurveyCTO, Commcare, Qualtrics
Typesetting	LaTeX
Languages	English (fluent), Nepali (native), Hindi (limited proficiency)

REFERENCES

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