

Samrat B. Kunwar

Contact Information	37 South College Avenue St. Joseph, Minnesota 56374 Web: http://sbkunwar.weebly.com	Phone: 320-363-5014 Email: skunwar001@csbsju.edu
Education	University of New Mexico (UNM) , Albuquerque, NM Ph.D., Economics, December 2018 Primary Field: Environmental & Natural Resource Economics Secondary Field: Applied Econometrics, International Development and Sustainability Florida International University , Miami, FL M.A., Economics, May 2013 Coe College , Cedar Rapids, IA B.A., Economics, Mathematics, May 2011	
Employment	Assistant Professor of Economics, Saint John's University & The College of Saint Benedict (2019- Present) Visiting Assistant Professor of Economics, SUNY Binghamton (2018-2019) Instructor and Teaching Assistant, University of New Mexico (2013-2018)	
Research Interests	Environmental and Natural Resource Economics, Applied Microeconomics, Development Economics (Sustainable Agriculture, Risk and Perceptions, KAB - Knowledge, Attitude, and Behavior Practices, Global Water, Sanitation & Hygiene (WASH) programs, Survey Design, Coupled Human-Nature Dynamics, Environmental Resiliency & Vulnerability, Freshwater Management and Ecosystem Services, Conservation Policy, Non-Market Valuation, Environmental Governance, Climate Change Adaptation and Mitigation, Quality of Life,)	
Publications	Rahman, M. M, Kunwar, S.B. , Bohara, A.K. (2021) "The interconnection between water quality level and health status: An analysis of Escherichia Coli contamination and drinking water from Nepal". <i>Water Resource and Economics</i> . 34, 100179. Kunwar, S.B. , Bohara, A.K. , Thacher, J. (2020) "Public Preference for river restoration in the Danda Basin, Nepal: A Choice Experiment Study". <i>Ecological Economics</i> . 175, 106690. Kunwar, S.B. , Bohara, A.K. (2019) "Water Quality Avoidance Behavior: Bridging the Gap between Perception and Reality". <i>Water Economics & Policy</i> , 1950012. Kunwar, S.B. , Bohara, A.K. (2017) "Climate Sensitivities and Farmland Values in Nepal: A Spatial Ricardian Approach" <i>Journal of Development and Agricultural Economics</i> , 9(6) 145-161. Neupane, D., Kunwar, S. , Bohara, A.K., Risch, T.S., and Johnson, R.L. (2017). "Willingness to pay for mitigating human-elephant conflict by residents of Nepal." <i>Journal for Nature Conservation</i> , 36, 65-76.	

Papers in Submission

“The Examination of Correlation between Willingness to Pay and Volunteer for an Environmental Restoration Program: A Study from Danda Riverside in Nepal” (with Niraj Khatiwada & A.K. Bohara) [Revise and Resubmit - Water Economics and Policy]

Teaching & Advising Experience

Classes Taught:

Econ 111: Introduction to Economics	2019,2020, 2021,2022
Econ 332: Microeconomics Theory	2019, 2020, 2021
Econ 359C: Environmental Economics & Policy	2020, 2021, 2022
Econ 323: Economics of the Public Sector	Fall 2019
Econ 433: Natural Resource Economics (SUNY Binghamton)	2018, 2019
Econ 160: Principles of Economics (SUNY Binghamton)	2018, 2019
Econ 106: Introductory Microeconomics (SUNY Binghamton)	Spring 2018
Econ 342: Environmental Economics (UNM)	Fall 2017
Econ 106: Introductory Microeconomics (Online) (UNM)	Fall 2017

Mentor/Curriculum Builder

Econ 395/595: Problem-based Learning using Data Analytics (Course Website)	2017
Econ 451/551: Sustainable Development Action Lab (Course Website)	2016

Undergraduate Research Advisor

Undergraduate Summer Research Project, Advisor to: <i>Vincent Parisi</i> Project: “Effect of Mississippi River on Property Values in the Greater Twin Cities Metro Area: A Hedonic Analysis”	Summer 2021
Undergraduate Summer Research Project, Advisor to: <i>Jake Dittel</i> Project: “The Collapse of Cod in the Gulf of Maine”	Summer 2020

Research & FieldWork Experience

ADB - CI (Asian Development Bank & CAREC Institute) Visiting Fellow May 2020 - August 2020

Field Experience

Discrete Choice Experiment Survey (Public Preferences for Ecosystem Services in the Danda River Basin, Nepal). ([Household Survey: May-August, 2016](#))

Spatial Point Pattern Analysis of Danda Water Quality across the Urban Landscape of Siddharthangar ([River Water Quality Assessment: May-August, 2016](#))

Research Assistant

August 2013 - May 2018
Department of Economics - Nepal Study Center (NSC),
University of New Mexico
Supervisor: Dr.Alok K. Bohara

Projects

- Resilience of Coupled Natural and Human (CNH) Systems under Climate Change and Hydropower Development along the Gandaki River, Nepal

- Learning beyond the Classroom: An experiential learning that combines research, eco-adventure, and hands-on community service-learning projects
- Danda Ecological Monitoring Program (DEMP) through *Citizen Science* and its link with human health, behavior, and awareness.
- Development of an urban wildlife refuge in the town of Siddharthanagar, Nepal.

**Grants,
Fellowship &
Awards**

Research Grant

CSB-SJU Summer Collaborative Research Grant	May - August 2020
CSB-SJU Summer Collaborative Research Grant	May - August 2021
Open Society Foundations - Civil Society Scholar Award, \$9500 (Project: <i>The shifting landscape: urban growth, climate change, pollution and agriculture in the Danda River Basin, Nepal</i>)	2015

Fellowship

Provost Excellence Award, UNM (<i>Economics department nomination for graduate student excellence fellowship</i>)	2013 - 2017
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Awards & Grants

The Alfred L. Parker Award in Economics, UNM	2017
The Rogers Research Award, UNM	2016
The J.Raymond Stuart Award in Economics, UNM	2016
UNM Doctoral Conference Presentation Award, \$700	2017
UNM Economics. EGSO Grant, \$300	2017
UNM GPSA. Student Research Grant, \$500	2015, 2017

**Conference &
Workshops**

15 th & 16 th Annual Himalayan Policy Research Conference (HPRC) (<i>Organizing committee member and Panel Moderator</i>)	2020, 2021
Southern Economic Association (SEA) Tampa, FL	November 2017
Association for University Business and Economic Research (AUBER) Albuquerque, NM	October 2017
5 th Workshop on Non-Market Valuation (WONV) Leeds, England	June 2017
Himalayan Policy Research Conference. Madison, WI	October 2016
Sustainable Climate Risk-Management. (SCRiM Summer School) Pennsylvania State University, State College, PA	August 2015

Services

Member of the College Institutional Review Board (IRB),	2021 - 2023
Search Committee Member: Economics Tenure-Track Faculty Position,	2020
Faculty Advisor for Economics Club,	2020
Department Representative: CSBSJU Admission Reception	2020
Participant: Academic Exploration Fair	2019

**Professional
Activities**

Referee:

Ecological Economics

Economics of Disasters and Climate Change
Journal of Choice Modeling
Natural Hazards Journal
Science of the Total Environment

**Professional
Affiliation**

Himalayan Policy Reserach Consortium (HPRC) - *Vice President*
American Economic Association (AEA)
Southern Economic Association (SEA)
Association of Environmental and Resource Economics (AERE)
American and Agricultural Applied Economics Association (AAEA)

Computer Skills STATA, R, ArcGIS, L^AT_EX, Python

References

Alok K. Bohara

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Director, Nepal Study Center
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University of New Mexico

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Jennifer Thacher

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Graduate Director
Department of Economics
University of New Mexico

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Jingjing Wang

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Department of Economics
University of New Mexico

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