

NABIN BHANDARI
Auburn University, Auburn, Alabama
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EDUCATION

Auburn University **Spring 2025 (expected)**
PhD candidate
Applied Economics
Department of Agricultural Economics and Rural Sociology
Dissertation Title: Three Essays on Applied Economics-Environment, Crop insurance, and Crop Yield
Advisor: Dr. Ruiqing Miao

Tribhuvan University **2012-2014**
M.S. Agriculture Economics, *GPA:4*
Institute of Agriculture and Animal Science, Nepal
Department of Agriculture Economics
Thesis Title: Impact Assessment of Factors Affecting Rice (Course) Price Instabilities of Nepal
Advisor: J.P. Datta

B.S. in Agriculture Science, GPA:3.92 (Gold Medalist) **2007-2011**
Tribhuvan University, Institute of Agriculture and Animal Science, Nepal

RESEARCH INTERESTS

Applied Econometrics, Agriculture Production and Risk, Environmental Economics, Circular Economy, Health Economics

PUBLISHED ARTICLES

- Rawal, N., **Bhandari, N.**, Subedi, S., and Chalise DK. 2015. Assessment of soil fertility management practices of wheat in western terai of Nepal. *Journal of Agriculture and Animal Science* 33, 105-114.
- Upadhyaya, N., **Bhandari, N.**, Gaire, S., and Kafle, N. 2019. Fertilizer subsidy policy and its economic implications in Nepal. *Journal of Agriculture and Animal Science* 33, 105-114.
- Bhandari, N.** and Shrestha, RB. 2020. Family farmers' cooperatives towards ending poverty and hunger in Nepal. SAARC Agriculture Center (SAC), Bangladesh.
- Karki, A., Bhusal, N., **Bhandari, N.**, Bastakoti, B., Shrestha, K., and Sharma, B. Economics of Potato Production in Mustang District of Nepal. *The Journal of Agriculture and Environment* 24:59-68.

MANUSCRIPT UNDER REVIEW

Heterogeneity of the Association between Obesity and COVID-19 Mortality and the Roles of Policy Interventions: U.S. National-Level Analysis". *American journal of preventive medicine* (with Cuffey, J., Miao, R., and Z., David)

MANUSCRIPT IN PROGRESS

- Impact of bird diversity on corn and soybean yields: A national scale analysis (With Dr. Miao)
- Insurance, and Crop Yield: Evidence from Corn and Soybean in the United States (With Dr. Miao)
- Impact of tax and subsidy on plastic recycling market: a welfare analysis (With Dr. Miao)
- Techno-economic analysis of recycling project (with Dr. Miao)
- Fish Price Dynamics in Sri Lanka: A Study of Spatial Market Integration (with Pathmanathan Sivashankar, and Prokash Deb)

TEACHING EXPERIENCES

Instructor at Tribhuvan University

Sept 2016 – Mar 2017

Tribhuvan University, Institute of Agriculture and Animal Science, Nepal

- Course on Nepalese Agriculture Development Policy

Teaching Assistant at Auburn University

- Agribusiness Marketing. AGECE 3010-001. FALL 2022
- Principle of Agribusiness Management. AGECE 4000-001. FALL 2022.

Guest lecture

AGECE 3300. **Agricultural Policy and Trade.** Auburn University. Department of Agricultural Economics and Rural Sociology.

STUDENT MENTORING

Graduate student- Advisor Committee Member

Mr. Gobinda Pandey M.S. in Agriculture Tribhuvan University

Undergraduate- Advisor Committee Member

Mr. Gauri Shankar Kumar Yadav B.S. in Agriculture, Agriculture and Forestry University

Mr. Kiran Roka B.S. in Agriculture, Agriculture and Forestry University

Mr. Aashish Karki B.S. in Agriculture, Agriculture and Forestry University

High school student research advising

- Aurora Liang (Loveless Academic Magnet Program (LAMP) High School, AL). Summer and fall 2022. Research Experience and Mentoring (REM) Program, NSF. In the Greater East Alabama Regional Science and Engineering Fair (GEARSEF) on February 24, 2023, Liang won the 1st place in the category “Physics, Astronomy & Mathematics” with her project on “Tax vs. Subsidy: The Impact of Policies on Landfill Plastic.” Placement: Undergraduate Program, Heersink School of Medicine, University of Alabama at Birmingham.
- Cynthia Kim and Jenny Kim, LAMP high school. **Summer 2024.** Research Experience and Mentoring (REM) Program, NSF. Assisted project on “Utility cost analysis of separating two different solvents of EVOH: DMSO + CO₂ vs. DMSO + H₂O using ASPEN PLUS software.

PROFESSIONAL EXPERIENCE

Senior Officer

Feb 2021-Aug 2022

Ministry of Agriculture and Livestock Development, Nepal

Project: Rural Enterprise and Economic Development Project (REED) funded by the World Bank.

Major Activities

- *Program planning and designing the activities for each identified component of the project.*
- *Acting as a focal person to communicate and coordinate with the development partner, World Bank*

Agriculture Extension Officer

Jul 2013-Jan 2021

Ministry of Agriculture and Livestock Development, Nepal

Major Activities

- *Disseminate the new agriculture related technology to farms.*
- *Conduct social awareness, run campaigns and farmers empowerment programs.*

AWARDS

- Nepal Vidhya Busan (**Gold Medal**) for outstanding performance during B.S. studies, awarded from the President of Nepal, 2014.
- **Meritorious scholarships** in each semester of B.S. 2007-2011
- Letter of appreciation from IAAS, Paklihawa for outstanding performance in B.S.
- **Merit Based** scholarship to pursue B.S. in Agriculture, Tribhuvan University, 2007
- **Merit Based scholarship**, to pursue M.S. (Agriculture Economics), Tribhuvan University, 2012
- Letter of appreciation from organizations for being the highest scorer in M.S. entrance examination.

MEMBERSHIPS

- Agricultural & Applied Economics Association (AAEA)
- Southern Agricultural Economics Association (SAEA)
- Association of Nepalese Agricultural Professionals of Americas (NAPA)
- Member, Nepal Economics society
- Member, Nepal Agriculture Extension Society
- Member, National Fisheries Society

PROFESSIONAL Development and Training

- **Training on Market access for food security**, organized by the Wageningen Centre for Development Innovation, Netherlands from 26th Feb 2018 to 16th March 2018.
- **Training on Rural Development Course**, held on Japan, from 22nd July 2018 to 8th August 2018.
- **Participation and paper presentation on “Regional Expert Consultation Meeting on Family farmer’s cooperatives to End Hunger and Poverty through Integrated Farming in South Asia”**. SAARC. 23rd - 24th July 2019.
- **Participation and completion** of Virtual Training on **SDG Indicator 2.4.1** conducted by Food and Agriculture Organization of United Nations held on 8 to 10 September 2020.
- Training on Project Concept Note (PCN), Training of Trainers (ToT) and Social System Analysis (SAS2). Technical Student’s Association of Nepal. IAAS. 2011.

- Students' Conservation *Conference and Exhibition*. National Trust for Nature Conservation, GoN. 5th -7th June 2011.
- Training on *Project Cycle Management and M \$ E Reporting system*. Ministry of Finance, Nepal. 2014.
- Training on *Fertilizer Inspector Basic Training, Integrated Plant Nutrition System and Seed Inspector Basic Training*. Government of Nepal. 2015.
- *Socio-economic Data Analysis Training based on STATA and SPSS*. Department of Agriculture. 2016.
- Training on *WTO Agreements: Current Issues and Perspectives in Nepal*. Ministry of Commerce, Nepal. July 2017
- Training of Trainers (ToT) on *Agriculture Sector Integration of Climate Change Adaptation*. FAO. 21st -26th January 2019.

LEADERSHIP ROLE

- Senior Officer, Rural Enterprise and Economic Development Project (REED) funded by the World Bank. Section head: monitoring and evaluation.
- Team coordinator of Post Disaster Need Assessment-Nepal Earthquake 2015, in Tipling VDC of Dhading district
- Engaged in the ‘HITKARI SAMITI’, Rampur Campus, a on- political organization, taking the responsibility as Secretary, 2009 july-2011 July.
- Worked as the member of Editorial Board of the Agricultural Graduates profile Book-2011 of Institute of Agricultural and Animal Sciences, Rampur, Chitwan. 2011.
- Editorial Board, Monitoring and Evaluation Annual Book, Ministry of Agriculture and Livestock Development, 2020.

SKILLS

COMPUTERS: R, SAS, STATA, PYTHON, LaTeX, ASPEN PLUS, ARC GIS PRO

Languages: Nepali (native), English (proficient)