

## Environmental Policy, GIS

- Associate Professor Joshi Niraj Prakash  
Fields : Economics; Economic Policy, Agriculture Economics, Rural Studies
- Associate Professor Masayuki Kondo  
Fields : Physics; Climate Change, Global Biogeochemical Cycle Research, Climatology, Remote Sensing
- Assistant Professor Johann Caro Burnett  
Fields : Economics; Political Economy, Public Economics, Behavioral Economics, Sci-fi Economics
- Assistant Professor Ghulam Dastgir Khan  
Fields : Economics; Economic policy, Development Economics, Migrations
- Assistant Professor Harunobu Saijo  
Fields : Political Science; Comparative Politics, Security, Historical Political Economy
- Assistant Professor Austin M. Mitchell  
Fields : Political Science; Comparative Politics, Historical Political Economy

## Research

Our faculty conducts original and rigorous research in their respective fields. We also publish extensively with students. The following are a selection of recent faculty publications limited to Q1 journals coauthored with IEDP students.

Aboagye, P. D., Sharifi, A. (2024). Urban climate adaptation and mitigation action plans : A critical review. *Renewable and Sustainable Energy Reviews*, 189, 113886.

Ayertey, W., Sharifi, A., Yoshida, Y. (2024). The impact of increase in block pricing on electricity demand responsiveness : Evidence from Ghana. *Energy*, 288, 129858.

Nazir, L., Sharifi, A. (2024). An analysis of barriers to the implementation of smart grid technology in Pakistan. *Renewable Energy*, 220, 119661.

Nazmul Haque, M., Sharifi, A. (2024). Justice in access to urban ecosystem services : A critical review of the literature. *Ecosystem Services*, 67, 101617.

Zhang, Z., Sharifi, A. (2024). Analysis of decoupling between CO2 emissions and economic growth in China's provincial capital cities : A Tapio model approach. *Urban Climate*, 55, 101885.

Saparova, G., Khan, G.D., Joshi, N.P. (2024) Linking farmers to markets : Assessing small-scale farmers' preference for an official phytosanitary regime in the Kyrgyz Republic. *Economic Analysis and Policy*, 81, 696-708.

Bari, M. A., Khan, G. D., Katayanagi, M., Yoshida, Y. (2024). Gender dynamics of the impact of cash transfer on female educational expenditure of informal settlements in Bangladesh. *World Development Perspectives*, 34, 100591.

Atabekov, M., Bilotkach, V., Kawata, K., Khan, G. D., Miyoshi, C., Sakamoto, M., Yoshida, Y. (2024). Double-edged impacts of carbon footprint information on international air travel demand. *Journal of Air Transport Management*, 117, 102570.

Paudel, J., Sharifi, A., Khan, G. D. (2023). What are the drivers of sustainable energy transition? Insights from an empirical analysis of household preferences for electric induction cooking in Nepal. *Journal of Cleaner Production*, 417, 138021.

Haque, M. N., Mahi, M. M., Sharif, M. S., Rudra, R. R., Sharifi, A. (2023). Changes in the economic value of ecosystem services in rapidly growing urban areas : the case of Dhaka, Bangladesh. *Environmental Science and Pollution Research*.

Liu, Y., Lee, C.Y., Kaneko, S., Joshi, N.P. (2023) Intergenerational education effect of child marriage in marginal settlements of Nepal. *Third World Quarterly*, 44(9), 2046-2062.

Huang, Q., Khan, G. D., Yoshida, Y. (2023). Assessing Health and Dietary Issues of Households Displaced Due to the Aynak Copper Mine Project, Afghanistan. *The Extractive Industries and Society*, 15, 101299.

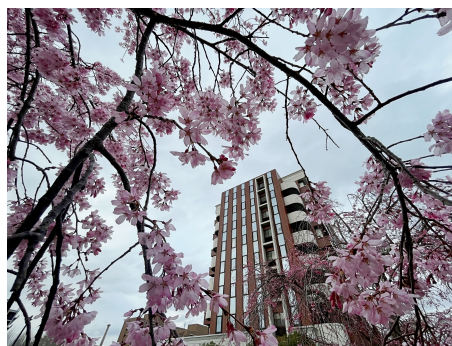
Zhu, Yifei, and Keshav Lall Maharjan. (2023). Does Participation in the "Grain for Green Program" Change the Status of Rural Men and Women? An Empirical Study of Northeast China. *Sustainability* 15, (23) 16447.

Jena, P.R., Tanti, P.C., Maharjan, K.L. (2023). Determinants of adoption of climate resilient practices and their impact on yield and household income. *Journal of Agriculture and Food Research* 14,100659.

Faruk, M.O., Maharjan, K.L. (2023). The Determinants of Farmers' Perceived Flood Risk and Their Flood Adaptation Assessments : A Study in a Char-Land Area of Bangladesh. *Sustainability* 15(18),13727.

Maharjan, K.L., Singh, M., Gonzalvo, C.M. (2023). Drivers of environmental conservation agriculture and women farmer empowerment in Namobuddha municipality, Nepal. *Journal of Agriculture and Food Research* 13,100631.

## Contact



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- Microeconomics I/II (Varian 2010)
- Evidence Based Decision Making (EBDM)
- Research Methods
- Quantitative and Analytical Social Science (Llaudet and Imai 2022)
- Applied Econometrics I/II (Angrist and Pischke 2008, Cunningham 2021)



Learn more about our methods sequence

## IEDP Faculty

- Professor Keshav Lall Maharjan  
Fields : Agriculture Economics; Development Economics, Rural Dynamics, Climate Change
- Professor Masaru Ichihashi  
Fields : Economics; Development Economics, Macroeconomics, Econometrics, Finance, Input-output Analysis
- Professor Shinji Kaneko  
Fields : Civil Engineering; Environmental science, Sustainable and Environmental System Development, Environmental Policy and Social Systems Engineering, Environmental Engineering
- Professor Yoshi Takahashi  
Fields : Management; Human Resource Development, Organizational Behavior, Technology, Small/Medium Enterprises
- Professor Daisaku Goto  
Fields : Economics; Public Finance, Public Economics, Economic Policy, Environmental Economics
- Professor Ayyoob Sharifi  
Fields : Urban Planning; Environmental Science,

## Our Faculty

*The faculty includes specialists in economics, management, geophysics, environmental policy, urban planning, rural development, and political science, who bring field expertise alongside causal inference methods to help our students propose, implement, and evaluate important policies. Methodologically, we can advise students who may be interested in applying econometrics, survey methods, remote sensing, climate modeling, micro-and macro-economics, and decision analytics, among others.*