

RIJA MANANDHAR

Curriculum Vitae

Rija Manandhar
Female
23 February, 1988
Dhunedhara, Kathmandu
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PERSONAL STATEMENT

Experienced in quantitative research method techniques and policy analysis . Well experienced in overall data management process: coding, dataset preparation, cleaning, checking inconsistencies and preliminary data analysis. Frequent user of SPSS and fair knowledge of R.

EDUCATION

2019 Master's Degree in Sociology, Tribhuvan University (TU) (Thesis remaining)
2014 Master's Degree in Environmental Science, Tribhuvan University (TU)
Thesis: "Vollënweider Based Study of Trophic Characteristics in Beeshazaar Lake"
2010 Bachelor's Degree in Environmental Science, Tribhuvan University (TU)

ACHIEVEMENTS

2022 Awarded as Top 3 employee of the year by Policy Research Institute
2018 Best Oral Presentation Award in 3rd International Conference on "Mountains in the Changing World"
2016 Best Employee Award by Institute for Social and Environmental Research-Nepal
2015 Best Presentation Award in First Graduate Conference on Environment and Sustainable Development
2013 University Grant Commission Thesis Grant Award
2012 CREEW Research Grant Award
2012 Sushri Chetaki Rajyalakshmi Karki Smriti Vatavaran Bigyan bisayak Sodhpatra Chhatrabritti
2007-08 Indian Embassy Golden Jubilee Scholarship

WORK EXPERIENCE

Policy Research Institute (PRI)

Mar 2021-ongoing: Analyst

- Evaluation and review of the research reports submitted to PRI
- Study and prepare reports on concurrent policy issues
- Support research team in data analysis and report writing as required

Institute for Social and Environmental Research-Nepal, Bharatpur, Chitwan

Oct 2017- Sept 2019: Senior Research Officer

Jul 2014 – Sept 2017: Research Officer

- **Survey Data Management:** Manage web-based BLAISE CAPI data through Survey Trak international Server; Data Cleaning, Codebook Preparation, Data file Creation, Data Quality

Control, Data Analysis and Reporting.

- **Ecological Data Collection and Management:** Supervise Data Collection for the ecological survey; contact and coordinate with required key personnel and local authorities for data collection approval; lead team members and local people in the field (forest) for data collection and intervention; conduct soil sampling and laboratory analysis; Data Analysis; Report preparation.
- **Coordinator:** Coordinate workshop (dissemination and project completion); Policy Communication Fellowship Program; and International Training on Survey Data Analysis Techniques.
- **Trainer:** Resource Person for annual International Short Course on Survey Data Analysis Techniques since 2016.
- **Communication:** Communicate to different collaborators national and international for different purpose such as data depositing, joint project works, conduct/host national level workshops.

Central Department of Environmental Science, TU, Kirtipur

Feb - June 2014: Research Assistant

- Field Surveys on geomorphology and hydro-meteorology for the project “Hazard and Vulnerability analysis of Nepal’s Chure Region”.
- Data collection, management and analysis and support in report preparation.

Clean Multipurpose Cooperative Society Limited, Kumaripati, Lalitpur

Oct - Dec 2013: Chemist

- Preparation of acid of required specific gravity for Safa Tempo Batteries.
- Monitor distilled water production for batteries and regular checking the performances of the batteries.

Avant Garde Boarding School, Kuleshwor

April 2011 - April 2013: Secondary Level Teacher

- Teach Science and Environment, Population and Health subjects to the secondary level students.

PUBLICATIONS

- उप्रेती, विष्णु राज, न्यौपाने, हरि शर्मा र मानन्धर, रीजा । (२०७९) । बदलिँदो विश्वपरिवेशमा नेपालको खाद्य सुरक्षा र यसका राष्ट्रिय सुरक्षासँग सम्बन्धित नीतिगत पक्षहरू । काठमाडौं: नीति अनुसन्धान प्रतिष्ठान ।
- रिजाल, मुक्ति राम; मानन्धर, रीजा; पाण्डे, अशोक; मिश्र, भोगेन्द्र; राउत, बलराम प्रसाद; पौड्याल, रोशनी; महर्जन, रूक्मिणी र खतिवडा, अपूर्व । (२०७९) । *जिल्ला प्रहरी कार्यालयबाट प्रवाह हुने सेवाहरूको सेवाग्राही सन्तुष्टि विश्लेषण* । काठमाडौं: नीति अनुसन्धान प्रतिष्ठान र नेपाल ल क्याम्पस ।
- Senchurey, R. and **Manandhar, R.** (2022). कोभिड-१९ व्यवस्थापनमा अस्ट्रियाको अनुभव र नेपालका लागि सम्भाव्य सिकाइहरू. In: *विभिन्न मुलुकमा कोभिड-१९ महामारीको अवस्था, व्यवस्थापनको अनुभव र सिकाइहरू*, Neupane et. al (Eds). Policy Research Intitute, Kathmandu.
- Tandukar, S.; Khanal, R.; **Manandhar, R.**; Pandey, A.; Sthapit, N.; Sherchan, S.P.; Haramoto, E. Possibility of Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) through Wastewater in Developing Countries. *Water* 2021, 13, 3412. <https://doi.org/10.3390/w13233412>
- Nash N, Capstick S, Whitmarsh L, Chaudhary I and **Manandhar R** (2019) Perceptions of Local Environmental Issues and the Relevance of Climate Change in Nepal’s Terai:

CONFERENCE PRESENTATIONS

- **Manandhar, Rija**, Michele Clark, Sharon J. Hall, Scott Yabiku, Sean Murphy, and Dirgha Jibi Ghimire. 2018. "Assessing a low-technology intervention to control *Mikania micrantha* in the community forests of Chitwan, Nepal". Paper presented at 3rd International Conference on Mountains in the Changing World, Oct. 9-10, 2018.
- **Manandhar, Rija**, Michele Clark, Sharon J. Hall, Scott Yabiku, Sean Murphy, and Dirgha Ghimire. 2017. "Evaluating the effects of a low-technology management technique on *Mikania micrantha* in the community forests of Chitwan, Nepal". Paper presented at International Conference on Biodiversity, Climate Change Assessment and Impacts on Livelihoods, Jan. 10-12, 2017.
- **Manandhar, Rija** and Sunil B. Khatry. 2015. "Seasonal Trophic Characteristics in Beeshazaar Lake". Paper presented at the First Graduate Conference on Environment and Sustainable Development, March 29-30, 2015.
- **Manandhar, Rija**, Lakpa Sherpa and Sima M. Javid. 2012. "Bio-briquette: Market Status and its Contribution to Sustainable Development in Nepal". Paper presented at the Sixth National Conference on Science and Technology, Sept. 25-27, 2012.

TRAININGS

- 2018 Manuscript Preparation and Soil Data Analysis at Arizona State University, USA
- 2017 Data Management Training by ISER-N and University of Michigan (UM), USA
- 2015 Soil Lab Analysis Techniques by Arizona State University, USA
- 2014 Survey Data Analysis Techniques by ISER-N and UM, USA
- 2014 Cognitive Interviewing Techniques: WHO Model Disability Survey by UM, USA and ISER-N
- 2014 General Interviewing Techniques by ISER-N
- 2013 Scientific Writing Methods by Institute for Agriculture and Animal Sciences (IAAS), Chitwan
- 2012 Environmental Sustainability Pyramid Training by YEC-Nepal, Kathmandu
- 2011 Research Methodology and Data Management using SPSS by Central Department of Environmental Sciences (CDES), TU
- 2011 Application of Geographical Information System (GIS) for Environmental Management by CDES, TU
- 2011 Fundamentals of Engineering Design and Cost Estimate with special reference to Environmental Impact Assessment by CDES, TU

SOFTWARE SKILLS

- MS Office Package: Word (Excellent), Excel (Excellent), Powerpoint (Excellent), Access (Good)
- ArcGIS: Good
- Statistical Package for Social Sciences (SPSS): Excellent
- R: Good
- SAS: Basic

LANGUAGES KNOWN

- Nepali: High proficiency in speaking and writing
- English: High proficiency in speaking and writing
- Newari: Basic speaking

- Hindi: Basic speaking

REFERENCES

- Dr. Hari Sharma Neupane
Head, Research Department
Policy Research Institute
Sano Gaucharan, Kathmandu
Contact: 9851127808; hsneupane@pri.gov.np
- Prof. Dr. Rejina Maskey Byanju
Central Department of Environmental Science
Tribhuvan University, Kirtipur.
Contact: 9841359172; rmaskey@cdes.edu.np
- Dr. Dirgha Jibi Ghimire
Executive Director, Institute for Social and Environmental Research-Nepal, Bharatpur,
Chitwan
Research Associate Professor, University of Michigan, USA
Contact: nepdjg@umich.edu
- Dr. Bishnu Raj Upreti
Executive Director, Nepal Centre for Contemporary Research (NCCR)
Contact: bishnu.upreti@gmail.com