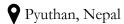
SUSHANK POKHREL







sushank.com.np

Last Update: June 2, 2025



WORK

Dec 5, 2024 - Facilitator/R-Trainer [Part Time] (Global Research Institute and Training Center)
Nepal

• Training Sessions on 'R' programming and research paper writing.

Aug, 2024- Research Officer (Green Mithila Environment Conservation Private Limited)
Sarlahi, Nepal

Scientific Research | Data Analysis | Fieldwork | Report & Paper Writing

May 21, 2024- Enumerator for Climate Migration Project (SouthAsia Institute of Advanced Studies)

Lamjung, Nepal

• Field Enumeration/Social Survey

Feb, 2024 – **Research Assistant** (*Society for Conservation Biology (SCB)-Nepal*)
Apr, 2024 – Kathmandu, Nepal

• Literature Review | Data Analysis | Map Digitization | Paper Writing



EDUCATION

2018 – 2023 **Bachelor of Science in Forestry** (*Tribhuvan University, Institute of Forestry, Hetauda Campus*) 79.11% | Distinction Division

Thesis: Contribution of Ecotourism in Local Livelihood and Role of People in Protected Area Management in Pre COVID-19, During COVID-19 and Post COVID-19 Phase.

PUBLICATIONS

2025 How Will the climate change shift the Distribution of Seven Woody Bamboo Species in Nepal? Evidences from Ensemble Species Distribution Modeling

Pokhrel, S., Paudel, N., Neupane, P., Dhakal, M.

Authorea (Pre-Print). DOI: 10.22541/au.173697608.88721540/v1

In reviewing Pandemics, People, and Forests: Impacts of COVID-19 on Forest Conservation and

Resource Use in Nepal from Community Resilience Perspective Paudel, P. K., Lamichhane, A., Pokhrel, S., Bhusal, D., Sipos, J.

Forest Ecology and Management

In reviewing How Do Plant Communities Interact in an Urban Forest of Nepal Terai? An analysis

of Phytosociology, Population Dynamics, and Seasonal Variation.

Pokhrel, S., Oli, K., Regmi, S.

Banko Janakari

In reviewing Documenting 100 Medicinal Plants Used by the Tharu Community from the Terai of

Nepal: Ethnomedicinal Practices, Ayurvedic Uses and Phytochemical Characteristics

Tharu, Y., Pokhrel, S., Ojha, P.

Banko Janakari

2023 Diversity and Distribution of 100 Plant Species of a Community Managed Forest from

the Mid-Hills of Nepal: A Phytosociological Approach

Pokhrel, S.

Forestry: Journal of Institute of Forestry, 20(1), 79-94. DOI: 10.3126/forestry.v20i1.64339



SKILLS



LANGUAGE

ArcGIS | QGIS | Google Earth Engine | RStudio | Python | HTML | CSS | JavaScript | Frequentist Analysis | Bayesian Modeling | Machine Learning | ARIMA modeling | **Nepali**: Native English: Proficient



RESEARCH PROJECTS

Deforestation Modeling Using Machine Learning Ongoing

Nepal

Predictive Modeling using RF and XGBoost models.

Ongoing Impact of Road Infrastructure in Biodiversity

Nepal

Assessment using Geospatial Tools.

Ongoing Land use and Land Cover Change in Protected Areas of Nepal

Nepal

Comparison between 2000 and 2023.



RESEARCH EXPERIENCE

Apr, 2023– Carbon Stock Comparison between Broadleaved and Coniferous Forest

Jun, 2023 Surkhet, Nepal

Carbon Stock compared by field-based inventories.

May, 2023 Impact of Single Occurrence Forest Fire on Tree Regeneration and Diversity

Surkhet, Nepal

Burnt area mapped using Google Earth Engine and field data collected afterwards.



TRAININGS

Sep 20-22, TRAINER - Rstudio (Sarlahi Foresters' Association)

2024 Nepal

> Delivered a six-hour training session to foresters, focusing on data wrangling, raster and shapefile analysis, statistical tests, and data visualization.



GRANTS AND SCHOLARSHIPS

Study Grant for Students (Integrated Landscape Management to Secure Nepal's Protected Feb 2, 2023 Areas and Critical Corridors (ILaM) Project)

Funded by WWF-GEF Agency to develop the thesis report for BS in Forestry.

Oct 13, Full Scholarship for Studying BS in Forestry (Institute of Forestry, Hetauda Campus) 2018

Merit based scholarship after a competitive entrance examination.



POSTER PRESENTATION AND CONFERENCE

March 4-5, Human Wildlife Conflict: How do Communities Respond to the Crisis (POSTER) 2024 (International conference on Revitalizing Community Forestry in the Era of Socio-Environmental Crisis) Kathmandu, Nepal

June 27-30, National Conservation Forum (CONFERENCE) 2024

(Slogan: Restoring ecosystems through Nature Based Solutions)

Kathmandu, Nepal



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