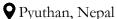
SUSHANK POKHREL

Banko Janakari

Pokhrel, S.

2023



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Last Update: March 25, 2025

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	WORK
Dec 5, 2024 - Facil Nepa	
•	Training Sessions on RStudio and research paper writing.
	st Officer (Green Mithila Environment Conservation Pvt. Ltd.) ni, Nepal Forest Inventory and Mapping Forest Management Plan Preparation.
	merator for Climate Migration Project (SouthAsia Institute of Advanced Studies) ung, Nepal Field Enumeration (Social Survey)
Feb, 2024 – Rese	arch Assistant (Society for Conservation Biology (SCB)-Nepal)
	nandu, Nepal
•	Performed Bayesian Modeling.
	EDUCATION
79.11	nelor of Science in Forestry (Tribhuvan University, Institute of Forestry, Hetauda Campus) % Distinction Division sis: 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
in N e Pokh	Will the climate change shift the Distribution of Seven Woody Bamboo Species epal? Evidences from Ensemble Species Distribution Modeling rel, S., Paudel, N., Neupane, P., Dhakal, M. orea (Pre-Print). DOI: 10.22541/au.173697608.88721540/v1
Reso Paud	demics, People, and Forests: Impacts of COVID-19 on Forest Conservation and Jource Use in Nepal from Community Resilience Perspective el, P. K., Lamichhane, A., Pokhrel, S., Bhusal, D., Sipos, J. et Ecology and Management
preparation from	Cover and Land Use Change Detection in Protected areas of Nepal: An Insight Thirty Years rel, S., Paudel., N
of P ł Pokh	Do Plant Communities Interact in an Urban Forest of Nepal Terai? An analysis sytosociology, Population Dynamics, and Seasonal Variation. rel, S., Oli, K., Regmi, S. o Janakari
Nepa	umenting 100 Medicinal Plants Used by the Tharu Community from the Terai of al: Ethnomedicinal Practices, Ayurvedic Uses and Phytochemical Characteristics a, Y., Pokhrel, S., Ojha, P.

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

the Mid-Hills of Nepal: A Phytosociological Approach

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



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

Ongoing	Deforestation Modeling Using Machine Learning
	Nepal
	 Predictive Modeling using RF and XGBoost models.
Ongoing	Impact of Road Infrastructure in Biodiversity
	Nepal

Data is being collected.



RESEARCH EXPERIENCE

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

	IRAINING
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

	GRAINTS AIND SCHOLARSH
Feb 2, 2023	Study Grant for Students (Integrated Landscape Management to Secure Nepal's Protected
	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, 2024	Human Wildlife Conflict: How do Communities Respond to the Crisis (POSTER) (International conference on Revitalizing Community Forestry in the Era of Socio-Environmental Crisis) Kathmandu, Nepal
June 27-30, 2024	National Conservation Forum (CONFERENCE) (Slogan: Restoring ecosystems through Nature Based Solutions) Kathmandu, Nepal



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