Pramod Subedi

Date of birth: 21/09/2002 | Gender: Male | Nationality: Nepalese | Address: Nepal (Home)

Education & Training

Bachelor of Science in Forestry | College of Natural Resource Management, Agriculture and Forestry University (AFU), Katari, Nepal | 06/05/2021 - 23/11/2025 | Nepal

- Forest Ecology, Silviculture, Forest Management, and Forest Protection
- Geographic Information Systems (GIS), Remote Sensing, Air Photo Interpretation, and Spatial Analysis
- Watershed Management, Forest Hydrology, Soil Science, and Soil & Water Conservation Engineering
- Biodiversity Conservation, Wildlife Biology, Protected Area Management, and Mountain Ecology
- Climate Change, Ecosystem Services, and Global Environmental Change
- Community Forestry, Forest Governance, Forest Policy, and Natural Resource Management
- Forest Inventory, Mensuration, Biometrics, Surveying, and Resource Assessment
- Environmental Science, Environmental Impact Assessment, and Sustainable Land Management
- Forest Engineering, Harvesting, Logging, and Wood Science & Technology
- Research Methodology, Experimental Design, Statistical Analysis, Scientific Writing, and Technical Communication
- Entrepreneurship, Forest Economics, Business Management, and Natural Resource Economics
- Extensive field training in forest inventory, ecological surveys, GIS mapping, and environmental data collection

Bachelor's Thesis: *Landslide Susceptibility Mapping Using GIS-Based Frequency Ratio Method in Udayapur District, Nepal.*

- Applied GIS, remote sensing, spatial modeling, field verification, and statistical analysis for landslide susceptibility assessment.
- The research is subsequently published in a peer-reviewed journal.

Work experience

Student Intern (Forestry) | Division Forest Office | 13/02/2025 - 14/06/2025 | Nepal

- Conducted forest inventory, timber measurement, and resource assessment using standard forestry field methods.
- Assisted in GIS-based mapping, GPS data collection, and spatial analysis for forest management and monitoring.
- Participated in stakeholder meetings with Community Forest User Groups (CFUGs) and supported community forestry activities.
- Prepared technical reports, field documentation, and official records related to forest management.
- Supported forest boundary verification, compliance monitoring, and environmental field surveys.
- Contributed to forest fire management, biodiversity conservation activities, and routine forest monitoring.

Skills

GIS & Geospatial Technologies | Qgis | Arc GIS Pro | Arc Map | Google Earth Pro | GPS Data Collection

Remote Sensing | Satellite Image Processing | Land Use / Land Cover Mapping | DEM analysis | Image Classification

Programming & Data Analysis | Python (Pandas, Geopandas, Matplotlib) | Microsoft Excel

Research and Writing | Scientific writing | Literature review | Microsodt Word | Microsoft Powerpoint

Language Skills

Mother tongue(s): **Nepali**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C1	C1	B2	B2	B2

Projects

Landslide Susceptibility Mapping Using GIS-Based Frequency Ratio Method in Udayapur District, Nepal | 01/02/2024 - 01/07/2025

- Conducted undergraduate research to assess landslide susceptibility using GIS and remote sensing techniques.
- Developed a landslide inventory through satellite image interpretation and field verification, analysed 11 landslide conditioning factors, and applied the Frequency Ratio (FR) model to generate susceptibility maps.
- Validated the model using ROC/AUC analysis to support disaster risk reduction and land-use planning.
- The research was subsequently published in a peer-reviewed journal.

Key skills

GIS • Remote Sensing • ArcGIS • QGIS • Spatial Analysis • Frequency Ratio Modelling • Field Verification • Scientific Writing

Publications

Landslide Susceptibility Mapping Using GIS-Based Frequency Ratio Method in Eastern Nepal

2026. Wiley. Subedi, P., Devkota, U., Adhikari, S., Baral, D., Adhikari, M., & Joshi, R. (2026). Landslide Susceptibility Mapping Using GIS Based Frequency Ratio Method in Eastern Nepal. Applied and Environmental Soil Science, 2026(1), 6678592. Applied and Environmental Soil Science

Evaluating Timber Volume Discrepancies in Teak Plantations of the Sagarnath Forest Development Project, Nepal:A Comparative Study

2025. Baral, A., Joshi, R., Ghimire, S., Prabhakar, A., & Subedi, P. (2026). Evaluating Timber Volume Discrepancies in Teak Plantations of the Sagarnath Forest Development Project, Nepal: A Comparative Study. Iranian Journal of Forest, 17(4), 559-569. Iranian Journal of Forestry

Volunteering

Conservation Education Volunteer | 01/09/2023 - 01/09/2024

Small Mammals Conservation and Research Foundation

- Conducted conservation awareness programmes in schools.
- Collected socio-ecological data through household surveys using digital tools.
- Supported environmental education and biodiversity conservation initiatives.

Secretary | 01/02/2024 - 30/12/2025

Bird Conservation Nepal – Katari Branch

- Coordinated branch activities, meetings, and conservation awareness events.
- Supported biodiversity conservation campaigns and environmental education programmes.

Certifications

Scientific Writing and Data Analysis Session | Wildlife Conservation Society (WCS), CNRM Katari | Presential | 23/06/2023

Completed intensive training on scientific writing, research methodology, data analysis, statistical interpretation, manuscript preparation, and academic publishing.