

## CURRICULUM VITAE

**NAME:** Om Prakash Pd. Kalwar  
**DATE OF BIRTH:** 21 June 1973  
**NATIONALITY:** Nepali  
**SEX:** Male  
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### EDUCATION:

- MSc in Geo-information Science and Earth Observation for Natural Resource Management from ITC, University of Twente, The Netherlands, in March 2015.
- B.Sc. Forestry, from Institute of Forestry, Tribhuvan University, Nepal, in 2000.

### AWARDS:

- Netherlands Fellowship Programmes (NFP) award for doing MSc in ITC (<http://www.itc.nl/>)
- Win Silver Medal in International Game Festival, held on 5th April 2014, in The Hague.
- Win Gold Medal in Chess competition, held in 1999, in Institute of Forestry, Pokhara.

### PUBLICATIONS:

- Om P.P. Kalwar, Yousif A. Hussin, Michael J.C. Weir, C.A.J.M. de Bie & Yogendra Karna (2021): Deriving forest plot inventory parameters using terrestrial laser scanning in the tropical rainforest of Malaysia, *International Journal of Remote Sensing*, 42:3, 884-901, DOI: 10.1080/01431161.2020.1817606.
- Rajesh Sigdel, Om Prakash Prasad Kalwar, Prabin Poudel, Pawan Karki, Jharna Sharma, Deepa Dahal, Catherine Mahae B. Jandug (2020): An Assessment of Climate and Land Cover Changes at Local Level: A case study of Rautahat District, Nepal, *North American Academic Research*, 3:04, 267-283, DOI:<https://doi.org/10.5281/zenodo.3750386>.
- Kalwar, O. P. P., Hussin, Y. A., Weir, M. J. C., and Karna, Y. K. (2016): Derivation of forest inventory parameters for carbon estimation using terrestrial lidar, *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, XLI-B8, 677-684, doi:10.5194/isprs-archives-XLI-B8-677-2016.

### TRAINING EXPERIENCES:

- Participated in numerous webinars conducted by Applied Remote Sensing Training (ARSET) of NASA, covering diverse topics such as "Using Earth Observation for Pre- and Post-Fire Monitoring," "Overview of the Global Disaster Alert and Coordination System (GDACS)," "Hyperspectral Data for Land and Coastal Systems," "Satellite Observations for Analyzing Natural Hazards on Small Island Nations," "Species Distribution Modeling with Remote Sensing," "Use of Solar-Induced Fluorescence and LIDAR to Assess Vegetation Change and Vulnerability," "Using Google Earth Engine for Land Monitoring Applications," "Agricultural Crop Classification with Synthetic Aperture Radar and Optical Remote Sensing," "Introduction to NASA Resources for Climate Change Applications," and "Understanding Phenology with Remote Sensing."
- Attended the Climate Change Seminar titled "Climate Change and Green Low-Carbon Development," organized by the National Development and Reform Commission (NDRC), held in Beijing from 6th to 26th September 2016.
- Conducted field visits to the Royal Belum State Park (RBSP) in Malaysia in 2015 to collect biometric data for my MSc thesis.
- Completed the Natural Resources Management Good Governance Training of Trainers and Mentoring Course

organized by SNV in partnership with The Regional Forestry Training Center for Asia-Pacific (RECOFTC) from 24th to 29th November 2008 in Nepalgunj, Nepal.

- Received MIS Database training conducted by the Regional Support Unit (RSU), Biodiversity Sector Program for Siwalik and Terai (BISEP-ST), Hetauda.

#### **EMPLOYMENT RECORDS (Work experience):**

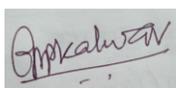
1. Currently serving as a **Teaching Assistant (Remote Sensing)** at the Institute of Forestry, Hetauda, Tribhuvan University since August 18, 2015.
2. Worked as a consultant for preparation of Watershed Management Plan of Chandi River in Rautahat District with financial support of Land and Watershed Conservation Office, Chandrapur, Rautahat in 2025.
3. Conducted a study on Rice Field Mapping in Bara District in collaboration with Krishi Gyan Kendra, Bara in 2024.
4. Collaborated as a **Team Member** at the Institute of Forestry, Dean's Office, participating in the formulation of Integrated River System Management Plans for East Rapti-1, East Rapti-3, Thute Shikharbas Khola, Narayani-4, and Binayi rivers in 2022, and for Ghurmi, Belsolt, Banke Hardi, Chauda, and Pasaha rivers in 2023, on behalf of the President of the Chure Terai-Madhesh Conservation Development Board.
5. Worked part-time as a **Forestry Consultant** with the Division Forest Office, Banke, in 2018, focusing on the development of the Scientific Forest Management Operational Plan for Madhu Community Forest User's Group.
6. Contributed as a part-time **Forestry Consultant** for Namuna and Hatemalo Community Forest's User Groups in collaboration with the Division Forest Office of Rautahat in 2017, aiding in the preparation of Scientific Forest Management Plans for respective Community Forests.
7. Served as a **UNV Forestry Officer** in UNDP Nepal from July 6, 2015, to August 21, 2015, providing support for the implementation of the Comprehensive Disaster Risk Management Programme (CDRMP) in Madi, Chitwan.
8. Acted as a **Programme Coordinator** at Child and Women Service Centre, an NGO based in Kalaiya, Bara, from May 01, 2015, to July 16, 2015, where I prepared a comprehensive report on the Digital Demarcation and Mapping of Bara District Forest.
9. Engaged as a **Forestry Consultant** with Dynamic Nepal, Hetauda, from April 15 to May 2011, conducting an Inventory of Allo (*Girardinia diversifolia*) in the forests of Rukum District, with the report submitted to the District Forest Office of Rukum.
10. Conducted a study on the Impact of Public Land Agro-forestry Programme in Rautahat District from October 01 to November 01, 2010, as a Forestry Consultant with Dynamic Nepal, submitting the report to the District Forest Coordination Committee Office of Rautahat.
11. Worked as a **Communication and Monitoring Officer** at the District Forest Coordination Committee (DFCC) Office from February 02, 2006, to July 15, 2010, implementing the Biodiversity Sector Programme for Siwalik and Terai (BISEP-ST) in Rautahat, and developing a management information system (MIS).
12. Functioned as a Field Coordinator at GEOCE Consultants, Katmandu, from May 01 to July 30, 2005, conducting a study on the Economical Valuation of Ecological Goods and Services, with the report submitted to the Environmental Evaluation and Biodiversity Section, Ministry of Forest and Soil Conservation (MFSC).
13. Worked as a **Research Assistant** at Communication and Management Institute, Katmandu, from January 01 to April 30, 2005, contributing to the study of Institutional Development Modalities for Sustainable Management of Churia, with the report submitted to the Biodiversity Sector Programme of Siwalik and Terai (BISEP-ST), Department of Forest, MFSC.
14. Contributed as a **Research Assistant at IUCN Nepal**, Katmandu, from October 01 to December 30, 2004, collecting indigenous knowledge on the use of different plant species in Rupandehi District to assist in the documentation of Community Biodiversity Registration.
15. Engaged as a **Research Assistant** at Nepal Environment and Scientific Services (NESS) Ltd., Katmandu, from January 02 to April 30, 2004, for the preparation of the District Forestry Sector Plan (DFSP) of Bara District, with the report submitted to the Department of Forest, MFSC.

16. Contributed as a **Team Member** at Innovative Development Associates, Katmandu, from May 01 to September 30, 2004, in the preparation of the Collaborative Forest Management (CFM) Scheme for the period 2005-2009 for Sahajath CFM of 3500 ha, Shorea robusta forest, in Bara District.
17. Worked as a **Team Member** at Innovative Development Associates, Katmandu, from September 01 to April 30, 2004, in the preparation of the Socio-economic Opportunity study of Terai Forest Management, a Pilot Collaborative Forest Management (CFM) area of Bara District.
18. Served as a **Programme Officer** at Rural Development Forum of Nepal (RDFN), funded by District Development Committee, Bara District, from April 01 to December 30, 2002, for developing an Agro-forestry Model for the local community.
19. Worked as a **Forestry Consultant** for the preparation of the Operation Plan of Pragatishil Community Forest for Pragatishil Community Forest, with the support of District Forest Office, Bara, from January 1, 2002, to March 15, 2002.
20. Worked as an **Assistant Research Officer** in the Non-timber Forest Products (NTFPs) Database Project, funded by Ford Foundation, New Delhi, at the Institute of Forestry, Pokhara, from June 1 to November 30, 2001, supporting the preparation of the NTFPs Database for Sayanga, Kavre, and Nawalparasi Districts.

**REFEREES:**

1. Dr. Krishna Raj Tiwari  
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By signing this document I have certified that the information given above are true within my knowledge.



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Om Prakash Pd Kalwar  
Date: June 11, 2025  
Place: Hetauda