

# Bishwa Prakash Puri

Executive Director, Eenfinite Horizons Pvt. Ltd., Kathmandu, Nepal  
Freelance Researcher, Business Development Manager, Environmental Consultant, Assistant Lecturer  
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I am a freelance researcher, environmental consultant, and business development manager with multidisciplinary experience. I work in environmental impact assessment, climate and hydrological research, and institutional growth strategies. I have published in peer-reviewed journals and actively engaged in field-based studies, data-driven analysis, and policy-relevant environmental research, with strong technical proficiency in Python, R, GIS, and scientific writing.

## EDUCATION

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<b>Tribhuvan University (MSc.)</b> College of Applied Sciences-Nepal, Kathmandu, Nepal Master of Science in Environmental Science	<b>2024</b>
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<b>Tribhuvan University (BSc.)</b> Tri-Chandra Multiple Campus, Kathmandu, Nepal Bachelor of Science in Environmental Science	<b>2019</b>
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## ACADEMIC EXPERIENCE

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<b>College of Applied Sciences-Nepal</b> <i>Assistant Lecturer</i>	Kathmandu, Nepal November 2024–January 2025
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- Taught Environmental Modeling to MSc fourth-semester students, with a focus on hydrological modeling (HEC-HMS, HEC-RAS), climate modeling (SDSM), and geospatial analysis (GIS).
- Designed and delivered lectures, led hands-on practical sessions, and mentored students in applying modeling tools to real-world environmental challenges.
- Served as a thesis co-supervisor, guiding student research projects and ensuring academic rigor and professional standards.

## PROFESSIONAL EXPERIENCE

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<b>Eenfinite Horizons Pvt. Ltd. (EENFEE)</b> <b>Executive Director</b> <a href="https://eenfee.github.io/">https://eenfee.github.io/</a>	Kathmandu, Nepal April 2025 – Present
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- Founded and lead a multidisciplinary consultancy providing education consulting and environmental research services.
- Designed and delivered student-centered education consulting services, including university selection, application support, test preparation strategies, and scholarship guidance.
- Led environmental research and sustainability consulting projects using research-to-action frameworks and data-driven decision-making.
- Integrated GIS analysis, climate research, and sustainability planning into applied environmental solutions.
- Managed institutional strategy, client engagement, partnerships, and operational development.

<b>Smart Connect Global Education Pvt. Ltd</b> <i>Business Development Manager</i>	Kathmandu, Nepal December 2024–Present
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- Developed and implemented social media growth strategies to increase brand visibility and student engagement.
- Conducted market research to identify new business opportunities, target markets, and partnership prospects.
- Built and maintained relationships with partner institutions, agents, and stakeholders to support business expansion.
- Collaborated with internal teams to design and execute business development and marketing strategies.

<b>Freelancer</b> <i>Environmental Consultant, Researcher, Business Development Consultant</i>	Nepal August 2024–Present
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- Prepared Environmental Impact Assessment (EIA), Initial Environmental Examination (IEE), and environmental monitoring reports for hydropower projects.
- Conducted fieldwork and assessed environmental and social impacts of hydroelectric projects.
- Led and participated in stakeholder consultations, including community interactions and coordination with regulatory bodies.
- Prepared technical reports and delivered presentations to clients and project stakeholders.

- Developed business development and growth strategies for small and medium-sized consultancy firms.

## Quest Forum, SMS Environment and Engineering Pvt. Ltd.

Kathmandu, Nepal

*Environmental Assistant*

January 2023–June 2023

- Assisted in environmental studies including preparation of reports, preparation of Terms of References (TOR), facilitation of public hearing, data collection, preparation of presentations.
- Compilation of technical and financial documents for Bidding.
- Assisted in field visits for environmental monitoring in various industries from different sectors such as Brick, Cement, Beverage, and Pharmaceuticals.
- Assisted in Preparation of Environmental Monitoring Report.
- Communicated findings and recommendations to clients, stakeholders, and regulatory bodies.

## Nepal Environmental and Scientific Services (NESS)

Kathmandu, Nepal

*MSDS Officer Intern*

July 2022 – December 2022

- Managed laboratory consumables inventories and prepared Material Safety Data Sheets (MSDS) in compliance with chemical safety standards.

## PUBLICATIONS

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### Journal Articles

- Puri, B. P., Adhikari, T. R., et al. *Spatial and Temporal Variations of Surface Air Temperature (1962–2022) across Physiographic Regions in the Koshi Basin, Nepal*. Published in *SOHAM*.
- Gautam, R., Puri, B. P., et al. *Impact of Climate Variability on Agricultural Productivity and Food Security in Banke, Nepal: Insights from 1990–2020*. Published in *OASK Publishers*.
- Research Paper (In Progress): *Assessing Soil Nutrient Dynamics and Their Impacts on Crop Yields: A Case Study of Janaki Rural Municipality, Banke, Nepal*.

### Thesis

- Temperature Trend Analysis Along with Paddy Production Trend and Their Impact on Paddy Cultivation in Koshi Basin, Nepal.

## RESEARCH AND FIELD EXPERIENCE

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- Conducted flood frequency analysis using Gumbel's Distribution Method and HEC-HMS, and developed river channel geometry for Balkhu River Basin using HEC-RAS.
- Simulated rainfall data using Statistical Downscaling Modelling (SDSM) during the Flood and Hydrological Modeling Project in Surkhet Weather Station, Nepal.
- Conducted geological data collection, input, and analysis in Kakani Ranipauwa Area, Nuwakot District, Nepal.
- Geological and Ecological Field Study, Malekhu – Pokhara, Nepal: Conducted geo-environmental studies on rock mass classification, slope stability, landslides, and biodiversity; created environmental geological maps and assessed fluvial deposits.
- Led community-based solid waste segregation initiatives at Sunrise English Boarding School, Sainbu, Lalitpur, Nepal, including managing solid waste and conducting field-based data collection.
- Emission inventory from cement production in Nepal: Annual pollutant emission that generate from the Shivam and Hongshi cement industries was calculated and estimated by the help of default emission factor for different pollutant.
- Emission inventory from hospital: Conducted an emission inventory analysis of NO<sub>x</sub>, CO, and SO<sub>x</sub> from Bir Hospital and Grande Hospital, including calculations of mercury and lead emissions during clinical waste incineration.
- Water quality monitoring of ground water and irrigation water: Conducted water quality monitoring of surface and groundwater of Koplu Khola, Nuwakot, analyzing parameters such as temperature, pH, EC, TDS, TSS, heavy metals, and coliform bacteria.
- Measurement and comparison of noise level (equivalent, percentile) in residential, public and workplaces: Compared and identified the noise level within Balkhu and nearby areas.

## SKILLS

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- **Programming:** Python, R
- **Software:** ArcGIS, HEC-HMS, HEC-RAS, SDSM, LaTeX, Markdown, Git
- **Technical:** Field Surveys, EIA/IEE/BES, Report Writing, Stakeholder Consultations

## TRAINING AND CERTIFICATIONS

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- Geographic Information System (GIS) Certification – 1 Month (2020)
- Chemical Management and MSDS Certification – 2 Weeks (2022)
- Electricity Grid Modernization Project (EGMP) NEA-Environment and social safeguards training – 1 Week (2024)

Language Skills

Language	Reading	Writing	Speaking
Nepali	Native	Native	Native
English	Excellent	Excellent	Good
Hindi	Excellent	Beginners	Intermediate

REFERENCES

**Dr. Bhupendra Devkota**  
*Principal, Professor, College of Applied Sciences-Nepal*  
bhupendra.devkota@gmail.com

**Dr. Tirtha Raj Adhikari**  
*Professor Emeritus, Tribhuvan University*  
tirtha43@gmail.com

**Surendra Dev Bhatta**  
*Executive Director, Green Globe International Pvt. Ltd.*  
surenbtt@gmail.com

**Ashesh Ban**  
*Executive Director, Smart Connect Global Education Pvt. Ltd.*  
ashesh.smartconnectedu@gmail.com

Consultations and Projects Direcories for References

- EIA, IEE, Reports preparation and Field Visits.
  - Lower Arun Power Development (335MW), Sankhuwasabha
  - Karuwa Seti Hydropower Project (SEIA, 32 MW), Pokhara Kaski
  - Kanke-Deurali Dam Project, Department of Water and Sewerage management, Madane Rural Municipality, Gulmi
  - Myagdi Khola Hydropower (65MW), Myagdi
  - Molung Khola Hydropower (8.53MW), Okhaldhunga
  - Lapa Khola Hydropower (4.99MW), Dhading
  - Chaurjahari Hospital, Rukum
  - Om Foods Pvt. Ltd., Kailali
  - Hulas Steel Industries Pvt. Ltd., Birgunj, Parsa
  - Aanandam Snacks and Beverages Pvt. Ltd. Birgunj, Parsa
  - Planet Green Recycling Pvt. Ltd. Dhanusa
  - Kalpa Metals Pvt. Ltd., Bara
  - Dugar Spices and Food Products Pvt. Ltd. Morong
  - Kantipur Washing Udhyog Pvt. Ltd. Morong
  - Lumbini Gas Company Pvt. Ltd. Rupandehi
  - Nava Prabhat Dairy Pvt. Ltd. Lalitpur
  - Reliance Spinning Mills Limited, Sunsari
  - Laxmi Motor Corporation Pvt. Ltd. Nawalparasi (Bardaghat Susta West)
  - Janakpur Refineries Pvt. Ltd. Dhanusa
  - United Pharmaceuticals Industries Pvt. Ltd. Jhapa
  - Many More ...
- Environmental Monitoring
  - Panchakanya Steel, Panchakanya Group,Tilottama-15, Rupandehi,
  - Kathmandu Steel Pvt. Ltd. Sarawal Rural Municipality-1, Nawalparasi (Bardaghat Susta West),
  - Upahar Feeds Pvt. Ltd. Ramdhuni-14, Sunsari
  - Progeochem Industries Pvt. Ltd. Parwanipur Rural Municipality-05, Bara
  - Probiotech Industries Ltd. Birgunj Metropolitancity-21, Parsa
  - Progeochem Industries Pvt. Ltd. HID, Hetauda, Makawanpur
  - Himalayan Distillery Limited. Birgunj -21, Parsa
  - Asian Biscuit and Confectionery Pvt. Ltd. Duhabi, Sunsari
  - Maruti Cements Ltd. (MCL) Golbazar-9, Siraha
  - Shivam Cement Ltd. Hetauda-16, Makawanpur
  - Ambe Steels Pvt. Ltd. Mayadevi Gaupalika-6, Rupandehi, Nepal
  - QBD Pharmaceuticals Pvt. Ltd. Sanga, Banepa -14, Kavre
  - Vijaya Distillery Pvt. Ltd., Raj Brewery Pvt. Ltd., Rolling River Distilleries Pvt. Ltd. by Jawalakhel Group of Industries

- Agromix feed Industries Pvt.Ltd. Ratnanagar Municipality, Chitwan
- Hulas Steel Industries Ltd. (Unit 1) Jeetpur Simara Sub-metropolitan City-02, Bara
- Nuplast Industries Pvt. Ltd. Jeetpur Simara Sub-metropolitan, Bara
- Jagdamba Enterprises Pvt. Ltd. Birgunj Metropolitan city-32, Parsa
- Ganapati Vanaspati Pvt. Ltd. Jeetpur Simara Sub-metropolitan City, Bara
- RMC Cement Pvt. Ltd. Jeetpur Simara Sub-metropolitan City, Bara
- Rajesh Metals and Crafts Pvt. Ltd. Jeetpur Simara Sub-metropolitan City, Bara
- Jagdamba Enterprises Pvt. Ltd., Birgunj-32, Parsa
- RMC Foods Pvt. Ltd. Jeetpur Simara Sub-metropolitan City, Bara
- Brick Factories (Brahmayani Mahadevi Fix Itta Udhyog, Hanuman Bricks, Maitri Hanuman Bricks, Changu narayan Itta Udhyog, Barahi Brick Factory, ...)
- Many More ...
- Central Treatment Facility project for Kathmandu valley (Research Projects),
- International Labour Organization (ILO) projects on occupational safety and health (OSH) for tea laborers (Research Projects)