

Curriculum Vitae (CV)			
<b>Designation:</b>	Assistant Professor		
<b>Name of Expert:</b>	Sami Shrestha		
<b>Date of Birth:</b>	23 <sup>rd</sup> February, 1994		
<b>Country of Citizenship</b>	Nepalese		
Education			
University		Date	Degree Obtained
Institute of Forestry, Tribhuvan University		2016-2018	M.Sc. Forestry, First Division
Institute of Forestry, Tribhuvan University		2011-2016	B.Sc. Forestry, Distinction
HSEB		2009-2011	Intermediate of Science, First Division
GoN		2009	School Leaving Certificate, First Division
<b>Training/Participation:</b>			
<ul style="list-style-type: none"> <li>• GIS training, 5-10 January, 2012 Institute of Forestry, Pokhara, Nepal.</li> <li>• Wildlife population monitoring, camera trapping, radio telemetry and darting training. National Trust for Nature Conservation (NTNC).</li> <li>• Participated in workshop on "Hands on Training on Land Use and Land Cover Analysis using RADAR System" jointly organized by Department of Geography and Geo-Net Connection Pvt. Ltd. At Department of Geography, TU ,P.N campus, Pokhara Nepal. 22<sup>nd</sup> June, 2016.</li> <li>• Participated in workshop on "Human Values and Personal Transformation" organized by "NOHRED project of Kathmandu University" in Kavre from 17<sup>th</sup> to 23<sup>rd</sup> October, 2016.</li> <li>• International Conference on Transformative Education Research &amp; Sustainable Development organized by Kathmandu University on 21-23 October 2016.</li> <li>• 'In-service Faculty Development Pedagogical Training' organized by Open and Distance Education Centre (ODEC), Tribhuvan University on September- December 2021.</li> <li>• 'Research capacity enhancement program' Organized by the office of the principal, Tribhuvan University under the center-of-excellence program, supported by UGC, Nepal on 17-21 March 2024.</li> </ul>			
<b>Skills and Experiences</b>			
<ul style="list-style-type: none"> <li>• Statistics/Econometrics: SPSS 22, R</li> <li>• GIS, GPS and Spatial Modeling: Garmin Trex10, 20, 30. Arc view 3X and extension, Arc GIS 10, ILWIS.</li> <li>• Microsoft Office (2010):MS Word, Excel and PowerPoint.</li> </ul>			
Employment Record Relevant to the Assignment			
Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
March 2021 to till	<b>Organization:</b> Institute of Forestry, Hetauda <b>Position Held:</b> Assistant Professor <b>For References:</b> Bir Bahadur Khanal Chhetri, Ph.D. <b>Email:</b> bbkchhetri@iofpc.edu.np	Nepal	<b>Teaching Non-Timber Forest Products, Forest Products Utilization</b> <b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Preparing materials and PPT for teaching</li> <li>• Giving assignments to the students</li> <li>• Checking the assignments and giving them the marks</li> <li>• Handling the exams</li> <li>• Supervision of projects for Bachelor/Master level final year students.</li> </ul>
January 2020 to March 2021	<b>Organization:</b> People's Help Group <b>Position Held:</b> Research Fellow <b>For References:</b> Bikal Dahal <b>Email:</b> bikal.dahal@phgnepal.org	Nepal	<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Developing different projects for international donor agency</li> <li>• Assisting the Project Manager with different projects in designing, developing and implementing project activities and policies</li> <li>• Coordinating with relevant</li> <li>• Government agencies, and district line agencies to develop collaboration.</li> </ul>

January 2020 to March 2021	<p><b>Organization:</b> Smart Engineering and Design Solution Pvt. Ltd.</p> <p><b>Position Held:</b> GESI Specialist</p> <p><b>For References:</b> Jyoti Mani Bhattarai, MD</p> <p><b>Email:</b> <a href="mailto:smart.seds@gmail.com">smart.seds@gmail.com</a></p>	Nepal	<ul style="list-style-type: none"> <li>• Prepare a Detail Project Report (DPR) for complete road stretches included in the package</li> <li>• Initial Environmental Examination Report (IEE)</li> <li>• Community Participation Plan (CPP)</li> <li>• Involuntary Resettlement and Indigenous People</li> <li>• Gender Quality and Social Inclusion</li> <li>• Compile, analyze, and report data to explain demography, economic phenomena, and livelihood.</li> <li>• Study and analyze the entry point of GESI integration in the Chure conservation program,</li> <li>• Contribution to women's economic empowerment, and needs assessments as required by the program.</li> <li>• Assess the intervention effectiveness of the plan and its impact on targeted vulnerable communities of a river system.</li> <li>• Identify the potential option of livelihood and river bank farming program.</li> </ul>
May 2020 to July 2020	<p><b>Organization:</b> Institute of Forestry, Pokhara</p> <p><b>Position Held:</b> Visiting Lecturer</p> <p><b>For References</b></p> <p>Binod Prasad Heyojoo</p> <p><b>Email:</b> <a href="mailto:bpheyojoo@iofpc.edu.np">bpheyojoo@iofpc.edu.np</a></p>	Nepal	<p><b>Teaching Forest Extension and Education, Range management</b></p> <p><b>Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Assisting the students with different field visits</li> <li>• Preparing materials and PPT for teaching</li> <li>• Giving assignments to the students</li> <li>• Checking the assignments and giving them the marks</li> <li>• Handling the exams</li> <li>• Supervision of projects for Bachelor/Master level final year students.</li> </ul>
March 2019 to June 2019	<p><b>Organization:</b> Nipuna Prabhidik Sewa</p> <p><b>Position Held:</b> Assistant Project Manager</p> <p><b>For References:</b> Navraj Sharma Paudel</p> <p><b>Email:</b> <a href="mailto:Nipunasewa@gmail.com">Nipunasewa@gmail.com</a></p>	Nepal	<p><b>Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Responsible for handling all the GIS data in terms of forestry, environment, and solid waste management projects</li> <li>• Assisting the project manager in planning the project modules</li> <li>• Project design &amp; implementation</li> <li>• Monitoring, evaluation &amp; reporting</li> <li>• Capacity building (facilitating trainings, workshops &amp; orientations)</li> <li>• Conducting field visits inside Pokhara Valley for different projects</li> <li>• Consultation with concerned stakeholders including local government bodies and government officials.</li> </ul>

### Membership in Professional Associations and Publications

#### Membership

- Lifetime member of Nepal Forester's Association
- April 2012 onwards: Member, of the Alumni Association for Conservation and Development (AACD), and student-formed organization within the periphery of the Institute of Forestry, Pokhara.

#### Achievements and Awards

- Recipient of scholarship by Institute of Forestry scholarship for 4 years during the entire B.Sc. period.
- Received funds provided by the Institute of Forestry for girl's toppers in Bachelor 4th semester.
- Received partial funds provided by NOHRED for M.Sc. entrance topper & semester topper.
- Funding by NOHRED on a project paper entitled, "Effectiveness of local adaptation plan of action in reducing vulnerability and enhancing the resilience of poor and vulnerable households".

#### Recent Publications

- **Shrestha, S.** (2019). Impact of Local Adaptation Plan of Action in Reducing Vulnerability and Enhancing Resilience of Poor and Vulnerable Households: A Case of Hills of Nepal. *International Journal of Graduate Research and Review Vol- 5, Issue-2:178-189.*
- **Shrestha, S.** (2019). Distribution, effect, and utilization of *Mikania micrantha* on livelihood: A case study of Janakauli buffer zone community forest of Chitwan National Park. *Journal of Agriculture and Natural Resources, 2(1), 95-108.*
- Dhakal, N., **Shrestha, S.** and Shrestha, J. (2020). Status of tiger and its conservation efforts in Nepal: A review. *International Journal of Global Science Research Vol-7, Issue-1:1277- 1283.*
- Paswan, B. K., Poudel, M., **Shrestha, S.**, Thapa, N., Sharma, G. and Gautam, D. (2020). Forest Product Distribution in Halkhoriya

Collaborative Forest Management of Bara District. *Asian Journal of Plant and Soil Sciences*, 4(1), 24-29.

- **Shrestha, S.,** Shrestha, J. and Shah, K.K. (2020). Non-Timber Forest Products and their Role in the Livelihoods of People of Nepal: A Critical Reviews. *Grassroots Journal of Natural Resources*,3(2): 42-56. Doi:<https://doi.org/10.33002/nr2581.6853.03024>
- **Shrestha, S.,** Lamichhane, S., Adhikari, B. and G.C., D.B. (2020). Effectiveness of Local Adaptation Plan of Action in Reducing Vulnerability and Enhancing Resilience of Poor and Vulnerable Households. Publisher: GRINISBN: 9783346176936 <https://www.grin.com/document/585160>
- Joshi, G., Neupane, B., Dahal, D., **Shrestha, S.,** Dhakal, P., Jandug, C.M.B. et al. (2020).Assessment of human-wildlife conflict in Kailai district of Nepal. *JAD*, 2 (3).
- Kathayat,N.,**Shrestha,S.,**Khadka,S.,Shrestha,J.(2020).Distribution and facilitation of the Red Panda in Lamtang National Park of Nepal. *Scientific Reports in Life Sciences*, 1(1), 38-51. doi:10.22034/srls.2020.137990.1004
- **Shrestha, S.,** & Shrestha, J.(2021).Asian elephants and their status in Nepal: A review. *Journal of Agriculture and Natural Resources*, 4(2),227-237. <https://doi.org/10.3126/janr.v4i2.33828>
- Neupane , B., Dhami , B., Bista , S., Sadadev , B. M., Regmi , S., **Shrestha , S.,** Shrestha , B., Traxmandlova , I., Varachova , S. and Kindlmann , P. (2022), ' Ecological Factors Determining Barking Deer Distribution and Habitat Use in the Mid-Hills of Nepal ' , *Frontiers in Ecology and Evolution* , vol. 10 , 894369 . <https://doi.org/10.3389/fevo.2022.894369>
- Bhusal, K.K., Magar, S., Thapa, R., Lamsal, A., Bhandari, S., Maharjan, R., **Shrestha, S.,** and Shrestha, J. (2022). Nutritional and pharmacological importance of stinging nettle (*Urtica dioica* L.): A review. *Heliyon*. 8. 10.1016/j.heliyon.2022.e09717.

#### Other Short-Term Assignment

- Worked as a researcher on a project paper entitled," Effectiveness of local adaptation plans of action in reducing vulnerability and enhancing the resilience of poor and vulnerable households"
- Team member, an exploratory survey of snow-leopard Bhotkhola/Makalu Barun National Park, Nepal"
- Assisted in data analysis for Ph.D. conducted by Ms. Pushpa KC Bhandari entitled," Role of Community Forestry in Rural Development: A Gender Perspective"
- Team member, Preparation of pangolin conversation action plan, 2016
- Worked as a researcher on the project paper entitled," An Assessment of Human Wildlife Conflict: Study from Buffer Zone of Parsa Wildlife Reserve, Nepal.
- Assisted in data collection and data analysis for B.Sc. final year thesis research conducted by Ms. Anjani Adhikari on project entitled "Problem and prospect of *Mikania micrantha* to forest user group: Case study of Janakauli BZCF of Chitwan National Park, Nepal.
- Worked as field assistant for B.Sc. Final year project paper conducted by Ms. Apsara Gautam entitled, "Study on the Food And Feeding Habits of Blackbuck(*Antelope cervicapra*):A Case Study from Blackbuck Conservation Area, Khairapur, Nepal.
- Assisted in data analysis for B.Sc. Final year conducted by Mr. Nikesh Kathayat entitled, "Distribution and habitat preference of the Red Panda in Lamtang National Park of Nepal"
- Preparation of Scientific Forest Management Plan of "Saljhandi Collaborative Forest" Rupendehi, Nepal during field training in the 7<sup>th</sup> semester. June 21-July 4, 2015

#### Detailed Task Assigned: Work Undertaken That Best Illustrate Capability to Handle the Task Assigned:

**Name of Project or Assignment:** "Detailed Engineering Survey, Design and Report Preparation (DPR), Preparation of Initial Environmental Examination (IEE) and Community Participation Plan (CPP)" Contract No: DoLI/RCIP/PIU-1/DPR-03/2076/077 **Period:** 2020 September to 2021 March. **Location:** Okhaldhunga, Bhojpur, **Client:** Rural Connectivity Improvement Project (RCIP), Project Implementation Unit (PIU-1), Jhapa **Position Held:** GESI Specialist/Environmental Expert,

#### Activities Performed:

##### Initial Environmental Examination Report (IEE):

The initial environmental examination has been undertaken following the relevant GoN rules and regulations for conducting such a study. The methodology followed and coverage of the initial environmental examination in consistent with the Environmental Assessment and Review Framework of RCIP. The consultant has prepared the terms of reference for IEE and after its approval conducted a field study, data collection, and submitted a draft report to RCIP. The IEE report includes the environment management plan (EMP). The Consultant has presented the IEE report to GoN agencies as required. The Consultant has prepared the Final IEE report as per ToR incorporating the feedback and comments of the Experts. The final IEE Report is approved.

**Resettlement Plan Report (RP):** The Consultant has conducted a cadastral survey of the road corridor within the right of way acceptable to the relevant GoN agencies for certification/endorsement. Based on the cadastral survey the consultant has conducted field data collection with a household survey form based on the standard form used by RCIP. The Consultant analyzed the data and prepared the draft resettlement plan report. The draft final resettlement plan report has been prepared by the Consultant as per RP framework. The consultant has submitted a final report after incorporating the comments from NRA as per ToR. The preparation of RP on the resettlement plan of each road followed the Resettlement Framework of RCIP. The final RP report is approved.

##### Gender equality and social inclusion Action Plan (GESI-AP):

The consultant has conducted a baseline survey as part of the preparation of GESI-AP. The household survey stratified random sampling of 100% of households in the zone of influence. The consultant has prepared the household survey form based on the standard form used by GoN and submitted the household survey form to be used for RCIP approval. The consultant analyzed the data and prepared a baseline report. The action plan complies with RCIP/s GESI-AP. The draft report has been submitted to RCIP and after incorporating the feedback the consultant submitted the final Report to RCIP as per ToR.

**Name of Project or Assignment: "Preparation of Work Plan for Conservation and Management of Baraha Lake at Surkhet District"**

**Period:** 2020 Jan to 2020 September. **Location:** Surkhet, **Client:** President Chure-Terai Madhesh Conservation Development Board, Khumaltar, Lalitpur **Position Held:** GESI Specialist, **Activities Performed:** Detail Hydrological analysis of lake area, Preparation of landscaping map, master plan and detail engineering design, drawing and cost estimation of following Major item. Compile, analyze, and report data to explain demography, economic phenomena, and livelihood. Study and analyze the entry point of GESI integration in the Chure conservation program, contribution to women's economic empowerment, and needs assessments as required by the program. Assess the intervention effectiveness of the plan and its impact on targeted vulnerable communities of a river system. Identify the potential option of livelihood and river bank farming program.

**Name of Project or Assignment:** Consulting Services for Detailed survey, Digital Data update of all pond and soil maps and land capability maps of five selected districts of terai region of Népal. **Period:** 2021/03 to 2021/12 **Location:** Dang, Banke, Bardiya, Kailali and Kanchanpur, **Client:** Department of Agriculture, Directorate of Fisheries Development, Kathmandu, **Position Held:** GIS Expert,

**Activities Performed:**

- Undertake a detailed study, survey, and update the baseline database on the current status of all the existing ponds.
- Based on the outcomes of surveys and GIS mapping, critically analyze the present existing fish culture pond and lakes.
- Perform a Lab test of the Soil of each pond.
- Develop a computerized GIS (ideally using the ESRI Arc Suite of software).
  - Base-line data at appropriate scales, upon which DOFD and decision makers can make sound, accurate and timely decisions;
  - Available data, to quantify changing elements in the landscape, particularly vegetation, soil, land use and population datasets.
- Begin spatial analysis of the data collected, including interpretation of any available up-to-date digital satellite images.

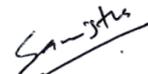
Carry out the location of all the ponds suited in the five selected districts of Terai.

**Name of Project or Assignment:** Detail Engineering Survey, Master Plan and Design of the remedial measure of Landslide and River training works at Sukkhakhola, Butwal, Rupandehi **Period:** 2021/04 to 2022/08 **Location:** Butwal, **Client:** President Chure- Terai Madhesh Conservation Development Board, Khumaltar, Lalitpur **Position Held:** Environmental Expert, **Activities Performed:**

- Detail Engineering Survey and Preparation of site map.
- Detail Vulnerability Assessment of landslide in the area SukkhaKhola basin.
- Detail Master plan of the landslide and water-induced remedial measure of SukkhaKhola basin (Total Area of Land Slide 1 -35.45 Ha and Land Slide 2 -8.43 Ha)
- Detail Master Plan and Design of River Training at Sukkhakhola Basin (Approximately 3000 meters)
- Detail master plan and Design of the Bio-Engineering Works.

<b>Language skills</b>	Nepali, English & Hindi	
<b>Expert's contact information</b>	<b>Email Phone</b>	<a href="mailto:sanusht.iof@gmail.com">sanusht.iof@gmail.com</a> / <a href="mailto:sami.shrestha@hc.tu.edu.np">sami.shrestha@hc.tu.edu.np</a> +9779816630124

I certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience.

  
Sami Shrestha

Date: 15/12/2025

Day/Month/Year