

Sony Baral, PhD

Associate Professor and Assistant Dean-Planning
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KEY QUALIFICATIONS & EXPERIENCE

I completed PhD in Green Economy from University of Natural Resources and Life Sciences (BOKU), Vienna, Austria. Currently, I am serving at Institute of Forestry, Tribhuvan University as a full-time faculty. Before joining to the university, I worked as a Member of the City Planning Commission, Pokhara Metropolitan City, Gandaki Province, Nepal. Before that I worked with UNDP Nepal for Biodiversity Policy and Institutional Assessment. I've over one and half decades of working experience in contemporary issues of forestry and forest policies in national and international agencies like IUCN, CECI, UN Women, ANSAB etc. I've been delivering guest lectures in several academic institutions in Nepal and abroad. I worked in the areas of policy formulation, green economy, change management, participatory research, strategic planning, policy formulation, GESI policy review, impact assessment, economic assessment, programme and project design etc. I have published more than two dozen articles in peer-reviewed national and international scientific journals; along with several technical reports. In addition, I am guest editor and reviewers of several international journals like Forests, Forestry Journal, The Forestry Policy and Economics etc. **With more than two decades of experiences in project development, collaboration and networking at national and international level I have gained amplitude of experiences in the area of research.**

EDUCATION AND PROFESSIONAL STATUS

- **Doctor of Philosophy (Ph.D.)** - (22/03/2016- 02/10/2019). *University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria, www.boku.ac.at* completed with **Distinction**. Thesis on Towards a Green Economy: An analysis of Community Forestry in Nepal
- **Master of Science in Mountain Forestry** - (15/10/2008). *University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria, www.boku.ac.at* passed with **Distinction and stood in first position, Specialization in environmental economics**
- **Bachelor's Degree in Forestry**- (21/03/2001). *Tribhuvan University, Institute of Forestry (IOF), Pokhara Campus, Nepal, <http://www.iof.edu.np/>* passed in First Division

PROFESSIONAL EXPERIENCES

1. **Assistant Dean- [Planning and Research]** February 2022 onwards: Institute of Forestry, Tribhuvan University, Nepal www.iof.edu.np
 - Responsible for leading the planning and research of IOF
 - Coordinate Ph.D program
 - Coordinate research program of IOF
 - Developing policies and guidelines related to an academic institution
 - Excel the academic institution as a center of excellence
 - Lead institutional research and work on long-term projects and big data
 - Responsible for teaching Green Economy, Research Methodology and Scientific Writing
 - Research proposal writing and networking and collaboration with Universities and Development Institutions around the globe
 - Organize capacity enhancement training, writeshop and workshop related to contemporary scenarios
 - Delivery presentation and lectures in the national and international forums
 - Organize national seminars and webinars and facilitate PhD seminars

- Organize and facilitate Faculty board and Standing committee meetings and Research committee meetings
 - Develop minutes and decisions of the meetings and implement them
 - Develop books and manual related to teaching
 - Organize planning and review workshop and team building workshop
2. **Associate Professor-** January 2021- January 2022: School of Forestry and Natural Resource Management, Institute of Forestry, Tribhuvan University www.iof.edu.np
 - Responsible for teaching forest management, natural resource economics, green economy, wetlands and community forestry and governance and climate change
 - Research project proposal development and implementation
 - Enhance the academic excellence
 - Lead research project related to forest management, carbon enhancement, forest and wetland restoration, climate change and socio-ecological resilience and cost benefit analysis of program implemented in the nature-based solutions,
 - Mentor and guide student's research/thesis of Bachelors, Masters and PhD students
 3. **Lead of Policy and Institutional Analyst** – December 2019- April 2020: UNDP- <https://www.biofin.org/country/nepal>
 - (a) review the existing policy context
 - (b) measure expenditure level for biodiversity
 - (c) calculate future financial needs and
 - (d) design strategic plans to deploy right mix financial of the finance solutions
 4. **Lead Forest Resource Assessment Project-** carried out field inventory and data collection of economically valuable species (*Shorea robusta*), for the development of volume equations, and form factor development. www.boku.ac.at
 5. **Visiting Faculty** - December 2019- January 2020: **Tribhuvan University.** www.iof.edu.np Teaching Human and Institutional Dimensions, resources economics and mentor and guide students.
 6. **Policy and Institutional Analyst - Climate change** (Oct 2018- May 2019) Oxford Policy Management for the Climate change policy 2011 revision. www.opml.co.uk
 7. **Senior Research Fellow** - (Jan 2017 to Sept 2018) Southasia Institute of Advanced Studied (SIAS): Support in reviewing of policy and papers, networking and programme development including science and policy dialogues. <https://sias-southasia.org/sias/> During that period, I especially engaged in;
 - **Team Leader** (July 2018- Sept, 2018) Southasia Institute of Advanced Studied (SIAS) funded by Dan Church Aid (DCA) Nepal, Study on “**Strategic Guidance for value chain and Market Development of agriculture products in Sudurpaschim and Karnali Province**”.
 8. **National Policy Analyst Consultant-** (UN Women September 2016- December 2016) Carry out a desk review of researches conducted by the government, public and private academic/research institutions in the agriculture sector for last 10 years (2005-2016) <https://asiapacific.unwomen.org/en/countries/nepal>
 9. **Programme Officer-** (Aug 2012 - Feb 2016)- International Union for Conservation of Nature (IUCN/Nepal) <https://www.iucn.org/>
Major Responsibilities *Design programmes and projects in forests, biodiversity, inventory of ecosystem services, wetland, mountain ecosystem restoration in collaboration with civil society and government organizations; provide technical back-stopping and mentoring support to the project team and field staff*

on achievements of project report; monitoring of programme and develop knowledge products such as policy briefs, flyers and success stories to disseminate project best practices and influence policy;

10. **REDD+ Development Consultant- (June 2012- Sept 2012)** Review of benefit sharing mechanism and practices of participatory forest management, & cost benefit analysis of community-based REDD+ activities of Hariyo Ban
11. **National Consultant, Forestry and Ecosystem Service Specialist- (Feb 2012 to August 2012) at** Western Terai Landscape Complex Project, UNDP Nepal.
 - Conduct detailed review of PES piloting mechanism which are being implemented in Nepal and elsewhere;
12. **Programme Officer- Climate and Disaster Risk Management** (February 2011 to July 2012) at Center for International Studies and Cooperation (CECI), Baluwatar Nepal. www.ceci.ca/en/country/nepal
Major Responsibilities includes the mainstreaming of the DRR within the sectoral departments of the ministries, including Ministry of Forests and Soil Conservation and build capacity of government and non-government stakeholders on DRR, mainstreaming DRR.
13. **Programme Officer - Climate Change and Livelihoods** (Since June 2010–June 2011) at Center for International Studies and Cooperation (CECI) www.ceci.ca/en/country/nepal
 - I. Nepal Hazard Risk Assessment. This is a World Bank funded project jointly implemented by ADPC, CECI and NGI.
 - II. Community based Vulnerability Assessment, Risk Mapping and Adaptation Planning
14. **National REDD Strategy Development Consultant-** (April-May 2010) at REDD Forestry and Climate Change Cell, Ministry of Forests and Soil Conservation (MFSC)
 Major Responsibilities includes the preparation of the long-term vision of REDD strategy following participatory and consultative processes while engaging multi-sectoral agencies
15. **Tutor-** (December 2009- April 2010) at University of Natural Resources and Life Sciences (BOKU) University. Teach environmental economics for Master Student. www.boku.ac.at
 - Design course and delivery lecturer on environmental economics
16. **Programme Officer-Natural Resource Management and Enterprise Development Programme-** (January to November 2, 2009) under project '*Design and setting up of a governance and payment system for Nepal's Community Forest Management under REDD*' with duty station in Kathmandu in ANSAB <https://ansab.org.np/>

MAJOR TRAININGS

Names of Institutions	Name of trainings	Dates
Institute of Forestry	Faculty Capacity Enhancement	January 2025- February 2025
BOKU, Austria	R-Software	May-Aug2017
FAO, Rome	Data management, Rome	Dec 2015
IIED, UK	Project Monitoring and Learning, Rome	Dec 2014
IUCN, Regional Office Bangkok	Business and Biodiversity Training in Bangkok	May 2013
Asian Development Preparedness Center	Natural hazard Risk management	Aug 2012

Practical Action Nepal	Community based vulnerability mapping	May 2010
University of Natural Resource and Applied Life Sciences	Ecosystem modeling	Oct 2009
University of Natural Resource and Applied Life Sciences	Statistical Package for Social Science (SPSS)	Oct 2007

Note: Several such trainings were also delivered.

PEER-REVIEWED PUBLICATIONS

- Gautam, R., **Baral, S.**, Aryal, A., Dhital, A., & Bhandari, S. K. (2025). Tree community responses to disturbance: Testing the intermediate disturbance hypothesis in different forest management regimes of Nepal. *Baltic Forestry*, 31(2), [id788-id788](#).
- Aryal, A., Ramp, D., Raubenheimer, D., Ji, W., **Gauli, S. B.**, & Zhao, X. (2025). Reorienting flagship species funding to support sustainable conservation efforts in developing countries. *Discover Conservation*, 2(1), 34. <https://doi.org/10.1007/s44353-025-00053-z>
- Luintel, H., Gautam, A. P., Poudyal, B. H., **Baral, S.**, Wagle, B. H., Maharjan, M., & Paudel, A. 12 Restoring forest ecosystems?. *Restoring Forests and Improving Livelihoods in Nepal*, 205. DOI: [10.4324/9781032705613](https://doi.org/10.4324/9781032705613)
- Karki, P., Dangal, S., **Baral, S.**, Cedamon, E., & Nuberg, I. K. 11 Rethinking forest management. *Restoring Forests and Improving Livelihoods in Nepal*, 187. DOI: [10.4324/9781032705613](https://doi.org/10.4324/9781032705613)
- Shrestha, S., Shrestha, U. B., Amatya, S. M., Kharel, R., & **Baral, S.** (2025). Community forestry ecologies. *Restoring Forests and Improving Livelihoods in Nepal*, 169. DOI: [10.4324/9781032705613](https://doi.org/10.4324/9781032705613)
- Ojha, H., Shrestha, K. K., Paudel, N. S., Karki, R., Khatri, D., Baral, S., ... & Nuberg, I. (2025). Restoring Forests and Improving Livelihoods in Nepal: Four Decades of Community Forestry. DOI: [10.4324/9781032705613](https://doi.org/10.4324/9781032705613)
- Sigdel, E., Joshi, K. P., Regmi, A. R., Jnawali, S. R., **Baral, S.**, & Chhetri, B. B. K. (2025). Biodiversity Governance Outside Protected Areas in the Context of Other Effective Area-Based Conservation Measures (OECMs): A Systematic Review. *Banko Janakari*, 35(2), 94-103. <https://doi.org/10.3126/banko.v35i2.74408>
- SHRESTHA, M., **BARAL, S.**, SHRESTHA, U. B., & KUNWAR, R. M. (2025). Ensemble modelling to assess the dynamics of invasive plant species under changing climate in Bagmati Province, Nepal. *Biodiversitas Journal of Biological Diversity*, 26(6). [10.13057/biodiv/d260604](https://doi.org/10.13057/biodiv/d260604)
- Baral, S.**, Subedi, S., Ford, R., Rai, R. K., Chhetri, B. B. K., Ojha, S., ... & Rai, D. (2025). Resilience pathways through community-based forest management for navigating the triple planetary crisis. *Trees, Forests and People*, 100972. <https://doi.org/10.1016/j.tfp.2025.100972>
- Kunwar, R. M., Khadka, D., Thapa-Magar, K., Adhikari, B., Kutal, D. H., Ghimire, R., Kafle, K. R., **Baral, S.**, Thapa, G. J., & Bhandari, A. (2025). *Effects of climate change scenarios on population and distribution pattern of tree-ferns in Nepal. Ecology and Evolution*. 15, 4 <https://doi.org/10.1002/ece3.71179>
- Baral, S.**, Paudel, S., Basnyat, B., & Rai, R. K. (2025). The Economics of Forest Restoration: A Cost-Effectiveness Analysis of the Leasehold Forestry Programme in Nepal. *Trees, Forests and People*, 100785. <https://doi.org/10.1016/j.tfp.2025.100785>
- Baral, S.**, Lamichhane, S., Chhetri, B. B. K., Adhikari, B., Gauli, K., & Ford, R. M. (2025). Forest restoration efficiency: A comparative analysis of collectively vs. individually managed forests in Nepal. *Trees, Forests and People*, 19, 100792. <https://doi.org/10.1016/j.tfp.2025.100792>

13. **Baral, S.**, Neumann, M., Joshi, K. P., Basnyat, B., & Vacik, H. (2025). Exploring the Implications of Selective Harvesting for Forest Dynamics: A Longitudinal Analysis of Sal Dominated Community Forest. *Trees, Forests and People*, 100832. <https://doi.org/10.1016/j.tfp.2025.100832>
14. **Baral, S.**, Regmi, A. R., Joshi, K. P., & Atreya, K. (2025). Methodological Accounting of the Ecosystem Services Benefits of Community-based Restoration: A Systematic Review. *Ecology, Economy and Society—the INSEE Journal*, 8(1), 99-131. DOI: [10.37773/ees.v8i1.1169](https://doi.org/10.37773/ees.v8i1.1169)
15. Thapa, K., **Baral, S.**, & Rayamajhi, S. (2023). Effectiveness of Human-Snow Leopard Co-existence Measure-A Systematic Analysis. *Journal for Nature Conservation*, 126511. <https://doi.org/10.1016/j.jnc.2023.126511>
16. Atreya, K., Kattel, K., Tiwari, K. R., **Baral, S.**, Adhikari, R., & Kalwar, O. P. (2023). Nutritional, ecological and livelihood significance of Moringa oleifera: A review. *Archives of Agriculture and Environmental Science*, 8(3), 452-461. <https://doi.org/10.26832/24566632.2023.0803025>
17. **Baral, S.**, Gaire, N. P., Giri, A., Maraseni, T., Basnyat, B., Paudel, A., ... & Vacik, H. (2022). Growth dynamics of Shorea robusta Gaertn in relation to climate change: a case study from tropical region of Nepal. *Trees*, 36(4), 1425-1436. DOI:[10.1007/s00468-022-02300-5](https://doi.org/10.1007/s00468-022-02300-5)
18. Aryal, S., **Baral, S.**, Basnyat, B., Timilsina, Y.P., Gauli, K., and Maraseni T., (2022). Synergy between Carbon and Biodiversity in Restored Forests: A case from leasehold forestry of Nepal. *Forestry Journal*, 19, 17-28. <https://doi.org/10.3126/forestry.v18i01.41757>
19. Khadka, C., Upadhyaya, A., Edwards-Jonášová, M., Dhungana, N., **Baral, S.**, & Cudlin, P. (2022). Differential Impact Analysis for Climate Change Adaptation: A Case Study from Nepal. *Sustainability*, 14(16), 9825. <https://doi.org/10.3390/su14169825>
20. Shrestha, A., Karki, S., Koju, U., Maraseni, T., Gautam, A. P., Cadman, T., & **Baral, S.** (2022). Stakeholder perspectives on the effectiveness of governance in red panda conservation programmes in Nepal: a comparative analysis. *Ecosystems and People*, 18(1), 547-565. <https://doi.org/10.1080/26395916.2022.2121762>
21. Chhetri, B. B. K., Rayamajhi, S., & **Baral, S.** (2022). Importance of Forest and Non-forest Environmental Resources to Sustainable Rural Livelihoods: Insights from a Case Study in Nepal. In *Designing Social Innovation for Sustainable Livelihoods* (pp. 133-150). Springer, Singapore. https://doi.org/10.1007/978-981-16-8452-4_7
22. **Baral, S.**, Neumann, M., Basnyat, B., Sharma, R. P., Silwal, R., Shrestha, H. L., ... & Vacik, H. (2021). Volume functions for Shorea robusta Gaertn. in Nepal. *Forestry: An International Journal of Forest Research*. <https://doi.org/10.1093/forestry/cpab050>
23. Charmakar, S., Kunwar, R. M., Sharma, H. P., Rimal, B., **Baral, S.**, Joshi, N., ... & Oli, B. N. (2021). Production, distribution, use and trade of Valeriana Jatamansi Jones in Nepal. *Global Ecology and Conservation*, 30, e01792. <https://doi.org/10.1016/j.gecco.2021.e01792>
24. Aryal, S., **Baral, S.**, Timilsina, Y. P., & IOF, P. (2021). Assessment of Carbon Stock and Its Relationships with Forest Conditions in the Leasehold Forest User Groups (A Case Study from Nawalpur District). *Environmental Sciences Proceedings*, 13(1), 17. <https://doi.org/10.3390/IECF2021-10809>
25. **Baral, S.**, Gauli, K., Kunwar, R M., Turi, M. A., Bussmann, R.W., and Paniagua-Zambrana, N.Y., (2021). *Prinsepia utilis* Royle Rosaceae. Ethnobotany of the Himalayas. [10.1007/978-3-030-45597-2_197-2](https://doi.org/10.1007/978-3-030-45597-2_197-2)
26. Kunwar, R.M., Adhikari, Y.P., Sharma, H.P., Rimal, B., Devkota, H.P., Charmakar, S., Acharya, R.P., Baral, K., Ansari, A.S., Bhattarai, R., Thapa, S., Paudel H.R., **Baral, S.**, Sapkota, P., Uprety, Y., Boa C.L. and Jentsch, A., (2020). Distribution, use, trade and conservation of *Paris polyphylla* Sm. in Nepal. *Global Ecology and Conservation*, p.e01081. <https://doi.org/10.1016/j.gecco.2020.e01081>
27. Basnyat, B., **Baral, S.**, Tiwari, K. R., Shrestha, G. K., Adhikari, B., & Dahal, Y. N. (2020). Covid-19 Outbreak, Timber Production, and Livelihoods in Nepal. *Tribhuvan University Journal*, 15-32. <https://www.academia.edu/download/84529525/24914.pdf>

28. **Baral, S.,** Neumann, M., Basnyat, B., Gauli, K., Gautam, S., Bhandari, S. K., & Vacik, H. (2020). Form Factors of an Economically Valuable Sal Tree (*Shorea robusta*) of Nepal. *Forests*, 11(7), 754 <https://doi.org/10.3390/f11070754>.
29. **Baral, S.,** Basnyat, B., Gauli, K., Paudel, A., Upadhyaya, R., Timilsana, Y. P., & Vacik, H. (2019). Factors Affecting Fuelwood Consumption and CO2 Emissions: An Example from a Community-Managed Forest of Nepal. *Energies*, 12(23), 4492 <https://doi.org/10.3390/en12234492>.
30. **Baral, S.,** Khadka, C & Vacik, H. (2019). Using MCA Tools for Evaluating Community Managed Forests from a Green Economy Perspective: Lessons from Nepal Submitted to “*International Journal of Sustainable Development and World Ecology*”. DOI: [10.1080/13504509.2019.1652858](https://doi.org/10.1080/13504509.2019.1652858)
31. **Baral, S.,** Gaire, P. N., Aryal S., Pandey M., Rayamajhi S., Vacik H. (2019). Growth Ring Measurements of *Shorea robusta* Reveal Responses to Climatic Variation. *Forests*, (10), 466. [doi:10.3390/f10060466](https://doi.org/10.3390/f10060466)
32. **Baral, S.,** Chhetri, B. B. K., Baral, H., & Vacik, H. (2019). Investments in different taxonomies of goods: What should Nepal's community forest user groups prioritize? *Forest Policy and Economics*, 100, 24-32. <https://doi.org/10.1016/j.forpol.2018.11.006>
33. **Baral, S.,** & Vacik, H. (2018). What Governs Tree Harvesting in Community Forestry—Regulatory Instruments or Forest Bureaucrats’ Discretion? *Forests*, 9(10), 649. <https://doi.org/10.3390/f9100649>
34. **Baral, S.,** Gautam, A.P and Harald Vacik, H. "Ecological and economical sustainability assessment of community forest management in Nepal: A reality check." *Journal of Sustainable Forestry* (2018): 1-22. <https://doi.org/10.1080/10549811.2018.1490188>
35. **Baral, S.,** Vacik H., Chettri B.B K., & Gauli, K. (2018). The pertinent role of forest inventory in making choice of silvicultural operations in community forests of Nepal. *Banko Janakari*, Special Issue No. 4, 2018. [The-pertinent-role-of-forest-inventory-in-making-choice-of-silvicultural-operations-in-community-forests-of-Nepal.pdf \(researchgate.net\)](https://www.researchgate.net/publication/331111111)
36. **Baral, S.,** Adhikari, A., Khanal, R., Malla, Y., Kunwar, R., Basnyat, B., Gauli, K., Acharya R.P., (2017). Invasion of alien plant species and their impact on different ecosystems of Panchase Area, Nepal. *Banko Janakari*, Vol. 27, No. 1, page: 31-42. [Banko Jankari-2017\(5\).1.1 \(semanticscholar.org\)](https://www.semanticscholar.org/entry/10.1080/10549811.2017.13504509)
37. **Baral, S.,** Vacik H., Chettri B.B K., & Gauli, K. (2017). Are We Doing the Right Things in the Right Way? Relevance of the Forest Inventory Data for Deciding Silvicultural Operations in the Terai Community Forest of Nepal. First National Silviculture Workshop. 19-21 February, 2017 Kathmandu, Nepal
38. **Baral, S.,** Basnyat, B., Khanal, R., & Gauli, K. (2016). A Total Economic Valuation of Wetland Ecosystem Services: An Evidence from Jagadishpur Ramsar Site, Nepal. *The Scientific World Journal*, 2016. <https://doi.org/10.1155/2016/2605609>
39. **Baral S;** Khanal R, Basnyat B; Malla Y, Gauli K & Grouwels S, 2016. Catalysing a cross-sectoral platform for building partnerships and leveraging resources. A Reflection from Forest and Farm Facility Initiatives in Nepal. *International Journal of Farming and Allied Sciences* April 2016.
40. **Baral, S.,** Basnyat, B., Khanal, R., Malla, Y., Gauli, K., & Grouwels, S. (2016). Efficacy of cross-sectoral platforms on strengthening sustainable business operation in Nepal. [260-265.pdf \(ijfas.com\)](https://www.ijfas.com/papers/260-265.pdf)
41. Baral, S., Khanal, R., Malla, Y., Bolin, A., Buffle, P., Pathak, B., & Poudel, J. (2016). *Increasing private sector involvement and investment in forestry in Nepal*. International Institute for Environment and Development. [Increasing private sector involvement and investment in forestry in Nepal | IIED Publications Library](https://www.iied.org/publications-library/increasing-private-sector-involvement-and-investment-in-forestry-in-nepal)
42. **Baral, S.,** Dhakal, M., Khanal, R., 2016. Lake Cluster of Pokhara Valley, Published © February 2016, Department of National Parks and Wildlife Conservation and International Union for Conservation of Nature and Natural Resources

43. Parajuli, A., Chand, D. B., Rayamajhi, B., Khanal, R., **Baral, S.**, Malla, Y., & Poudel, S. (2015, September). Spatial and temporal distribution of forest fires in Nepal. In *XIV World Forestry Congress, Durban, South Africa* (pp. 7-11).
44. Acharya, R. P., Kunwar, R. M., Sharma, R., **Baral, S.**, & Dahal, S. (2015). Medicinal and aromatic plants in Far Western Nepal: a sustainable livelihood framework analysis. *Biodiversität und Naturlausstattung im Himalaya V*, 77-82.
45. https://www.dpnet.org.np/public/uploads/files/WFC2015_Spatialandtemporaldistributionofforestfirein nepal-April2015_2%202021-09-28%2009-17-42.pdf
46. **Baral, S.**, Khanal, R., Joshi, R., Bhatta, R., Amit Paudel, A., Thapa, K., & LaVelle, K. (2015). Water quality of wetlands in nepal: A case study of jagadisapur reservoir ramsar site. *Jacobs J. Hydrol*, 1(10). <https://scholar.google.com/scholar?cluster=750744812407203864&hl=en&oi=scholar>
47. Basnyat B and **Baral S.** 2014. Unleashing the Potential: Exploring Sustainable Financing Practices for Biodiversity Conservation in Nepal. Published in Research **Journal of Agriculture and Forestry Sciences** Vol. 2(4), 19-26. [Microsoft Word - 4.ISCA-RJAFS-2014-012 \(psu.edu\)](#)
48. **Baral S.**, Basnyat B and Gauli K. 2014. Forest Products Preference of Rural Economic Spectrum in the community forests of Nepal. **Journal of Biodiversity and Environmental Sciences** (JBES). Vol. 5, No. 3, p. 1-8, 2014; <http://www.innspub.net>.
49. **Baral, S.**, Adhikari, A., & Khanal, R. (2014). Factors Affecting Alien Species Invasion and their Impacts on Different Ecosystem in Panchase Area, Nepal. *Invasive Alien Species Management*.
50. **Baral, S.**, Basnyat, B., & Gauli, K. (2014). Forest products preference of rural economic spectrum in the community forests of Nepal. *Journal of Biodiversity and Environmental Sciences*, 5(3), 1-8. [J. Bio. & Env. Sci. \(researchgate.net\)](#)
51. Duncan Macqueen (ed.) Jhony Zapata Jeffrey Y Campbell **Sony Baral** Kanimang Camara Leonardo Chavez Sophie Grouwels Fred Kafeero Edward Kamara Ewald Rametsteiner and Ogden Rodas. Multi-sectoral platforms for planning and implementation: how they might better serve forest and farm producers. [\(PDF\) Multi-sectoral plantforms for planning and implementation - How they might better serve forest and farm producers \(researchgate.net\)](#)
52. Thapa P.K, **Baral, S.** 2013, Community-based vulnerability Assessment and Risk Mapping for Adaption Planning in Terai Ecozones of Nepal. Published in **Journal of Agriculture and Environment** Volume 14, 2013 [The-Journal-of-Agriculture-and-EnvironmentUnlocking-Uncultivated-Food-for-Mountain-Livelihood-Case-from-Hindu-Kush-Himalayas-Kamal-Aryal-Rajan-Kotru-and-Karma-Phuntsho.pdf \(researchgate.net\)](#)
53. Adhikari, A., Khanal, R., Shah, R., **Baral, S.**, Malla, Y., 2013. Hydrogeological Study in Bangsing Deurali VDC, Syangja An Ecosystem-based Adaptation in Mountain Ecosystem in Nepal © July 2013 International Union for Conservation of Nature and Natural Resources
54. Shrestha, S and **Baral, S** (2012). Tangible forest products preference of Nepal's rural economic spectrum: A case study from community forests of Dolakha district. Paper presented at Nepal-Norway Development Cooperation and Graduate Conference, Kathmandu. Nepal Norway Alumni Association (NNAA), Pulchowk, Kathmandu.
55. Macqueen, D. J., **Baral, S.**, Chakrabarti, L., Dangal, S., du Plessis, P., Griffiths, A., ... & Vermeulen, S. (2012). Supporting Small Forest Enterprises—A Facilitator's Toolkit. Pocket Guidance not Rocket Science. *International Institute for Environment and Development (IIED), Edinburgh*. [Supporting small forest enterprises – A facilitator's toolkit. Pocket guidance not rocket science! | IIED Publications Library](#)
56. Khanal R, Shrestha S. and **Baral S.** 2012, Changing Climate: A Perspective from Wetland Dependent Communities of Nepal. Published in **International Wetland Conference** organized in Nepal.

57. **Baral, S**, Gaudi. K, Paudel. A, and Karna Y.K, 2010. The vulnerability of Indigenous Mountainous Communities to Climate Change and their Coping Strategies. Published in National Conference on Forest-People Interaction.
58. Gautam. S, **Baral. S**, and Stephan A.P, 2010. Biome BGC as an Appropriate Diagnostic Tool to Assess the Management Effects on Forest in Nepal. Published in National Conference on Forest-People Interaction.
59. **Baral, S.**, Sekot, W., and Harald, V. 2009. “Does Community Forestry Contribute to Poverty Reduction? An Evidence from Nepal”: In the proceeding on Conference on International Research on Food Security, Natural Resource Management and Rural Development, Tropentag 2009 <http://www.tropentag.de/2009/abstracts/full/316.pdf>

TECHNICAL REPORTS

1. “[Policy and Institutional Analysis of Biodiversity Finance in Nepal]” [Ministry of Forests and Environment [2021], [**Baral, S**]
2. “[National Climate Change Policy, 2076]”, Ministry of Forests and Environment], [2019]
3. “[Strategic Guidance for Value Chain and Market Development of Agriculture Products in Sudurpaschim and Karnali Provinces]”, [SIAS], [2018], [**Baral, S.**, Acharya, S., Shrestha, S.]
4. “[Workload distribution between men and women in the agriculture sector]”, [UN Women], [2016], [**Baral, S.**]
5. “[Increasing private sector involvement and investment in forestry in Nepal. International Institute for Environment and Development].” [International institute for Environment and Development], [2016], [**Baral, S.**, Khanal, R., Malla, Y., Bolin, A., Buffle, P., Pathak, B., & Poudel, J.]
6. “[Nature Conservation National Strategic Framework for Sustainable Development (2015-2030)], <https://www.npc.gov.np/> [2015] National Planning Commission.
7. “[Biodiversity resource inventory: ecosystem assessment of Bhadaure Tamagi VDC, Kaski.: An ecosystem-based adaptation in mountain ecosystem in Nepal, IUCN]”, [2014], [Technical Team Technical Advisor Team of IUCN Nepal: Adhikari, A., Khanal, R., Shah, R., **Baral, S.**, & Malla, Y.]
8. “[Ecosystem based Adaptation: Concept, Principles and Options]”. [International Union for Conservation of Nature], [2014], [Khanal, R., **Baral, S.**, & Adhikari, A.]
9. “[Forests Resources Conservation: Building Resilience of Forest Ecosystem in the Panchase Area]”, [IUCN Nepal], [2014], [Technical team Adhikari, A., Khanal, R., Malla, Y., **Baral, S.**, Basnyat, B.]
10. “[Strengthening homestay business for diversifying livelihoods: building local people’s resilience against climate change in the Panchase area]”, [IUCN], [2014], [Adhikari, A., Khanal, R., & **Baral, S.**]
11. “[Integrated on-farm soil nutrient management: Building Resilience of Agriculture ecosystem in the Panchase Area]”, [IUCN], [2014], [Technical Team: Adhikari, A., Khanal, R., **Baral, S.**]
12. “[Localized Payment for Ecosystem Service Implementation Mechanism]” [IUCN], [2014], [Khanal, R., **Baral, S.**, Adhikari, A., & Malla, YB.]
13. “[Payment for Ecosystem Services in Nepal Prospect, practice and process]”, [IUCN], [2014], [Technical Team: Khanal, R., **Baral, S.**, Adhikari, A., & Malla, YB.]
14. “[Restoring Community Ponds: Green Infrastructure to Combat Climate Change Impact in the Panchase Area]”, [IUCN], [2014], [Khanal, R., Adhikari, A., **Baral, S.**]
15. “[Hydrogeological Study in Bangsing Deurali VDC, Syangja An Ecosystem-based Adaptation in Mountain Ecosystem in Nepal],” [International Union for Conservation of Nature], [2013], [Adhikari, A., Khanal, R., Shah, R., **Baral, S.**, Malla, Y.]

16. “[Country Baseline Study for the Improvement of Forest and Farm Facility],” [International Union for Conservation of Nature], [2013], [Thapa, P.K., **Baral, S.**, Timalina, K.]
17. “[Supporting Small Forest Enterprises—A Facilitator's Toolkit. Pocket Guidance not Rocket Science],” [Food and Agriculture Organization], [2012], [Macqueen, D. J., **Baral, S.**, Chakrabarti, L., Dangal, S., du Plessis, P., Griffiths, A., ... & Vermeulen, S.]
18. “[Incentivizing Community for Restoration of Ecosystem Services Performance-based Restoration Payment Mechanism],” [IUCN], [2013], [Technical Advisor Team of IUCN Nepal: Khanal, R., **Baral, S.**, Adhikari, A., & Malla, Y.]
19. “[Payment for Ecosystem Services (PES) Schemes for Conserving Sardhu Watershed Nepal: Existing Practices and Future Prospects],” [IUCN], [2012], [Khanal, R., Paudel, D., **Baral, S.**...]

SCHOLARSHIPS

- Scholarship for the Post Doc from Institute of Silviculture, BOKU University [2019]
- ‘Competitive scholarship’ North South Dialogues Scholarship (OEAD), Austria for PhD. [2016-2019]
- ‘Competitive scholarship’ North South Dialogues Scholarship (OEAD), Austria for MScMF. [2006-2008]
- ‘Competitive scholarship’ Natural Resource Management Sector Programme (NARMSAP) Danida Fellowship for BScF [1997-2001]
- ‘Talent student scholarship’ from Winrock International for TCLF [1995]

RESEARCH GRANTS

- TU National Priority Excellence Research Grant -2025
- Australian Impact fund 2023
- University Grant Commission Collaborative Fund 2023-2025
- SANDEE/ICIMOD 2021-2023
- Australian Collaborative Fund 2022
- Chure River System Management Plan Preparation 2023 COPI
- Drought Restoration Strategy Preparation 2023 COPI
- Economic Assessment of Moringa 2021-2023
- Start-up Grant -Tribhuvan University 2020-2023
- Several other fund for the conferences and seminars
- IUFRO Grant for 2017 IUFRO conference
- Nature Conservancy Grant for Conference 2014
- University Grant Commission Collaboration Research Fund 2023
- Koshi Province Ecosystem Services Assessment Grant, 2024
- Conference participation Grant FLARE Meeting in Rome, 2024

AWARDS

Women in Science and Technology Award from Nepal Academy of Science and Technology (NAST) in 2025

TECHNICAL SKILLS

- Computer literate on MS-Excel, MS-Word,
- Basic GIS, GPS,
- SPSS, R studio,
- CIMAT (Criteria and Indicators Modification and Adaptation Tool) and
- Endnote Library management
- Ecosystem Modelling

AFFILIATION TO PROFESSIONAL ASSOCIATIONS

- General members -The Resource Nepal
- Board members- Southasia Institute of Advanced Studied (SIAS)
- General member of Asia Network for Sustainable Agriculture and Bioresources Nepal
- Executive committee member, Nepal Gender Professional Network (NGPN)
- Life member, Nepal Forester Association (NFA) and General Member
- Female Forester's Nepal (FFN) General Member
- Member, Gandaki Technical Education & Vocational Training Academy, Gandaki Province, Nepal

REVIEWER

- Journal "Forests" <https://www.mdpi.com/journal/forests>
- "Forest Policy and Economics" <https://www.journals.elsevier.com/forest-policy-and-economics>
- Journal of Forest Research <https://www.tandfonline.com/loi/tjfr20>
- Journal of Forestry
- Journal of Forestry, Institute of Forestry

PLACES VISITED

Within Nepal- Visited around 72 (Terai to Mountain) districts of Nepal

Outside Nepal –Brazil, Turkey, Malaysia, Thailand, Italy, France, Switzerland, Hungary, Czech Republic, Austria, Germany, Australia, Uruguay, South Africa, Slovakia, Hong Kong, Dubai, Singapore, Indonesia and several states and province of India and China