

Yadav Uprety, Ph.D.

Curriculum Vitae

Mailing Address

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Current Position (December 2020 -)

Associate Professor, Central Department of Botany, Tribhuvan University, Kathmandu, Nepal

Past Positions

Project Manager (January – December 2020), WWF Nepal

Integrated Landscape Management Project (Global Environment Facility (GEF) funded project) of Ministry of Forests and Environment, Government of Nepal and WWF Nepal

Biodiversity/Capacity Building Specialist (August 2017-December 2019), ABS-GEF Project of Ministry of Forests and Environment, Government of Nepal and IUCN Nepal.

Other affiliations

Member: Commission on Ecosystem Management, International Union for the Conservation of Nature (IUCN)

Member: IUCN Cultural Practices and Ecosystem Management Thematic Group

Member: International Society of Ethnobiology

Past President: Himalayan Research and Development Centre, Nepal

Life Member: Nepal Botanical Society

General Secretary: Ethnobotanical Society of Nepal

General Secretary: Central Department of Botany Alumni Association

Lead Author: Biodiversity Monitoring Assessment, Intergovernmental Panel on Biodiversity and Ecosystem Services, UNEP, UNESCO, FAO and UNDP consortium

Editorial Board Member: Journal of Ethnobiology and Ethnomedicine (IF: 4.1)

Guest Editor : Current Opinion on Environmental Sustainability (IF: 6.3)

Grants and awards after joining Tribhuvan University, including those received while working temporarily with the Research Center for Applied Science and Technology (RECAST), TU

1. **Principal Investigator** (2025). “Wetlands of Chure (Siwalik Hills): Inventory and Assessment of Conservation Status and Values”. Project funded by the Ministry of Education, Science and Technology, Government of Nepal. (Grant amount 4,59,000 NPR) Completed.
2. **Principal Investigator** (2024-). “Biodiversity and ecosystem services of the Khaptad Region of Nepal” Project funded by UGC. Collaborative Research and Innovative Grant Project (Grant amount 5 million NPR)- Ongoing
3. **Principal Investigator** (2023-). “Wetlands and Climate Change: Assessing Status and Conservation Values of Wetlands of International Importance along the Altitudinal Gradients of Eastern Nepal” Project funded by Research Directorate, Rector Office, TU. National Priority Research Project (Grant amount 4.7 million) – Ongoing

4. **Principal Investigator** (2023). "Understanding social importance and ecological dynamics of Chiuri (*Diploknema butyracea* (Roxb.) H.J. Lam) in Chepang's cultural territories in Central Nepal". A project funded by UGC-HERP-IoST, TU. (Grant amount 1 million NPR)- Completed
5. **Principal Investigator** (2023). "Biodiversity Assessment of Biological Corridors (Kamdi, Karnali and Bramhadev) and Buffer Zones (Banke and Bardia National Parks) of Terai Arc Landscape". A project funded by Integrated Landscape Management (ILaM) Project, WWF-GEF-MoFE. (Overall project lead, data analysis and report writing) (Grant amount 1.6 million NPR) - Completed
6. **Principal Investigator** (2023). "Socio-economic Assessment of Biological Corridors (Kamdi, Karnali and Bramhadev) and Buffer Zones (Banke and Bardia National Parks) of Terai Arc Landscape". A project funded by Integrated Landscape Management (ILaM) Project, WWF-GEF-MoFE. (Overall project lead, data analysis and report writing) (Grant amount 1.6 million NPR) - Completed
7. **Co-Principal Investigator** (2021-2022). "Survey of NTFPs in Chure (Siwalik hills) landscape of Nepal". A project funded by President Chure Terai-Madhesh Conservation Development Board, Nepal. (Overall project lead, data analysis and report writing) (Grant amount 1 million NPR) - Completed
8. **Principal Investigator** (2021-2022). "Assessment of forest ecosystems in Chure (Siwalik hills) landscape of Nepal". A project funded by the President Chure Terai-Madhesh Conservation Development Board, Nepal. (Overall project lead, data analysis and report writing) (Grant amount 1.0 million NPR) - Completed
9. **Co-Investigator (2023-)**. Floristic study, forest ecology and ethnobotany of Madhesh Province. Research project supported by Tribhuvan University Research Directorate. Project funded by the Research Directorate, Rector Office, TU. National Priority Research Project (Grant amount 3.8 million NPR) – Ongoing
10. **Co-Investigator (2024-)**. "Effects of earthquakes on cultural landscapes in Central Nepal: increasing preparedness within local communities". Research project supported by Social Science and Humanities Research Council of Canada, Insight Grants (Grant amount 10 million NPR) – Ongoing.
11. **Principal Investigator** (2014-2016). "Assessment of the conservation status of endemic plants in Kangchenjunga Landscape Nepal". Rufford Foundation, UK (700,000 NPR) – Completed.
12. **Principal Investigator** (2016-2017). "Assessment of the conservation status of endemic plants in Chitwan-Annapurna Landscape, Nepal". National Geographic Society's (USA) Conservation Grant for (2.2 million NPR) – Completed
13. **Principal Investigator** (2005-2006). "Ethnobotanical Study of Bankariya Ethnic Group, Makwanpur, Nepal". University Grants Commission Nepal (25,000 NPR) – Completed

Other major projects/responsibilities

14. **Subject Expert** for preparing the National Biodiversity Strategy and Action Plan (NBSAP) (policy document for biodiversity conservation (2025-2030) for the Ministry of Forests and Environment, Government of Nepal. (August 2024-May 2025)
15. **Core Team Member (Ecologist/Biodiversity expert)** (2015). Chitwan-Annapurna Landscape Nepal – Strategy and Action Plan (2016-2025). Submitted to the Ministry of Forests and Environment (MoFE),

Government of Nepal and Hariyo Ban (USAID funded project), WWF-Nepal.

16. **Core Team Member (Ecologist/Biodiversity expert)** (2017). Feasibility Study of Western Mountain Landscape. Ministry of Forests and Environment, Department of Forests, Government of Nepal.
17. **Core group contributor (Ecologist/Biodiversity expert)** (2013-2015). *Feasibility Assessment Report, Conservation and Development Strategy and Program Document with Implementation Plan* for Kangchenjunga Landscape Conservation and Development Initiative Nepal. Project reports prepared by Research Centre for Applied Science and Technology (RECAST) and submitted to Ministry of Forests and Environment, Government of Nepal and International Centre for Integrated Mountain Development (ICIMOD). GIZ and Austrian Government Funded Project.
18. **Capacity Development Specialist (August 2017-December 2019), IUCN Nepal. Mostly responsible for** coordinating research and training programmes on biodiversity, traditional knowledge and access and benefit sharing (under CBD/Nagoya Protocol)); GEF funded Access and Benefit Sharing Project of Ministry of Forests and Environment and IUCN (International Union for Conservation of Nature)
19. **Programme Coordinator/Research Associate** (Full time from 2013 August – 2017 August). Kanchenjunga Landscape Conservation and Development Initiative, GIZ and DFID funded project facilitated by ICIMOD with partners Ministry of Forests and Environment (MoFE), Government of Nepal as lead agency, and Tribhuvan University, RECAST as implementing institution in Nepal. Responsible for planning and implementation of the project in coordination/collaboration with MoFE and ICIMOD.
20. **Programme Coordinator** (Full time from 2014 August – 2017 August) Kailash Sacred Landscape Conservation and Development Initiative, GIZ and DFID funded project facilitated by ICIMOD with partners MoFE as lead agency, and Tribhuvan University, RECAST as implementing institution in Nepal. Responsible for planning and implementation of the project in coordination/collaboration with MoFE and ICIMOD.
21. **Project Coordinator** (2015-2016). "Access and benefit sharing in the Nepalese MAP's Sector". Funded by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). Responsible for planning and implementation of the project in coordination/collaboration with MoFE and GIZ. Biodiversity Management Committees (BMCs) were formed, and Community Biocultural Protocols and Biodiversity Registries were prepared for six project districts in western Nepal.

Education/Training

- **Postdoctoral Researcher**, Institute of Temperate Forest Sciences, University of Quebec in Outaouais (UQO), Canada (2013).
- **Ph.D. in Environmental Science**, University of Quebec (UQAT) – Programme offered by University of Quebec at Montreal (UQAM) in association with several Quebec's Universities, Canada (2009 September - 2013 June). Grade Point Average on 4.30: 4.13.
- **Master's in Human Ecology**, Department of Human Ecology, Vrije Universiteit Brussel, Belgium. September 2008. Grade: High Distinction (VLIR-OUS Scholarship)
- **Postgraduate Diploma in Human Ecology**, Department of Human Ecology, Vrije Universiteit Brussel, Belgium. July 2007. Grade: Distinction (VLIR-OUS Scholarship)
- **Master's in Botany**, Central Department of Botany, Tribhuvan University, Kathmandu, Nepal. 2002. Grade: Highest First Class.

Current Research Interests

- Ecosystem services; Biodiversity use, conservation and management; Community and aboriginal forestry; Ecological restoration; Traditional Ecological Knowledge; Forest ecology; NTFPs; Endemic species; Access and Benefit Sharing under the framework of the Convention on Biological Diversity and Nagoya Protocol

Field Survey Experiences and Competences

- Questionnaire development for structured/semi-structured interviews on various topics in natural and social sciences
- Experience in designing and implementing NTFPs/MAPs, ethnobotanical/ethnoecological, vegetation/forests/biodiversity, and land-use surveys
- Rapid Rural Appraisal (RRA) and Participatory Rural Appraisal (PRA) for various topics in natural and social sciences; extensive fieldwork and community/stakeholder meetings' experience in Nepal and Canada

Social Skills and Competences

- Experience in teamwork with members from cross-cultural backgrounds; coordinating and mediating skills; international relations and networking in various countries.

Language

- Nepali (mother tongue), Fluent in English and Hindi, Intermediate in French

Publications

Books

- Poudel, R.C., Acharya, H.R., **Uprety, Y.**, Dhakal, Y., and K.C. Rajan. 2018. **Kangchenjunga Samrakshan Schetra ra Aspas Ka Gurasharu** (in Nepali) **Rhododendrons of Kangchenjunga Conservation Area and Adjoining Areas** (provisional English title). Government of Nepal, Ministry of Forests and Environment, Department of National Parks and Wildlife Conservation, Kangchenjunga Conservation Area Office, Taplejung. ISBN: 978-9937-0-4887-3
- Aryal, K., Partap, U., Chaudhary, R.P., Pandey, A., Tandin, T., **Uprety, Y.**, Gaira, K., Adhikari, R., Joshi, R., Wangdi, S., & Chettri, N. (2021). **Agrobiodiversity in the Kangchenjunga Landscape: Status, threats, and opportunities**. ICIMOD. ISBN 978 92 9115 713 6 (electronic)
- Lama, A.K., Kandel, P., Chaudhary, S., Dema, K., **Uprety, Y.**, Gaira, K., Pandey, A., Dorji, T., and Chettri, N. (2019). **Transboundary ecotourism in the Kangchenjunga Landscape: Opportunities for sustainable development through regional cooperation**. ICIMOD Working Paper 2019/4. Kathmandu: ICIMOD. ISBN 978 92 9115 677 1 (print) 978 92 9115 678 8 (electronic)
- Chaudhary, R.P., Bhattarai, S.H., Basnet, G., Bhatta, K.P., **Uprety, Y.**, Bhatta, L.D., Kotru, R., Oli, B.N., Sharma, L.N., Khanal, S., Sharma, U.R. (2017). **Traditional practice and knowledge of indigenous and local communities in Kailash Sacred Landscape, Nepal**. ICIMOD Working Paper 2017/1. Kathmandu: ICIMOD. ISBN 978 92 9115 464 7 (printed) 978 92 9115 465 4 (electronic)
- Atreya, K., Pyakurel, D., Thagunna, K. S., Bhatta, L. D., **Uprety, Y.**, Kotru, R., Oli, B. N., Rimal, S., and Chaudhary, R.P. (2017). **Traditions and Genetic Resources: Associated Traditional Knowledge and Practices Contributing to Conservation of Genetic Resources in the Kailash Sacred Landscape, Nepal**. ICIMOD Working Paper 2017/12. Kathmandu: ICIMOD. ISBN 978 92 9115 491 3 (printed) 978 92 9115 492 0 (electronic)
- **Uprety, Y.**, Poudel, R.C., Chaudhary, R.P., Oli, B.N., Bhatta, L.D., and Baral, S.P. 2016. **Sustainable**

Utilization and Conservation of Non-timber Forest Products: Major Species of Kailash Sacred Landscape Nepal. Ministry of Forests and Soil Conservation (MoFSC), Government of Nepal; Research Centre for Applied Science and Technology (RECAST), Tribhuvan University; and International Centre for Integrated Mountain Development (ICIMOD). Kathmandu, Nepal. ISBN: 978-9937-0-0485-5

- Chaudhary, R.P., **Uprety, Y.**, Joshi, S.P., Shrestha, K.K., Basnet, K.B., Basnet, G., Shrestha, K.R., Bhatta, K.P., Acharya, K.P., and Chettri, N. 2015. **Kangchenjunga Landscape Nepal: from conservation and development perspectives.** Ministry of Forests and Soil Conservation (MoFSC), Government of Nepal; Research Centre for Applied Science and Technology (RECAST), Tribhuvan University; and International Centre for Integrated Mountain Development (ICIMOD). Kathmandu, Nepal. ISBN: 978-9937-2-9275-7
- **Uprety, Y.** and Poudel, R.C. 2010. **Medicinal Plants of Nepal: An Analysis of Use, Trade and Conservation Aspects in the Rasuwa District.** LAP Lambert Academic Publishing, Germany. ISBN: 978-3-8383-7738-4

Book Chapters

- Oli, B.N., **Uprety, Y.**, and Baral, H.L. 2025 (in press). Non-Timber Forest Products in Nepal: Prospects for Rural Livelihoods and Economic Development. In: Handbook of Sustainable Forestry: Forests for the Future. Routledge
- Shrestha, K.K. and **Uprety, Y.** 2023. Botanical Gardens and Plant Conservation Initiatives in Nepal. In: Pullaiah, T. and D.A. Galbraith (eds.). Botanical Gardens and Their Role in Plant Conservation. Volume 2. Asian Botanical Gardens. CRC Press.
- Chaudhary, R.P., **Uprety, Y.**, Acharya, H.R., Rimal, S.K. 2023. Deforestation in Nepal: Status, Causes, Consequences, and Responses. In: Shroder, J.F., Sivanpillai, R. (Eds.), Biological and Environmental Hazards, Risks, and Disasters. Elsevier, pp. 277–318. ISBN: 978-0-12-820509-9
- **Uprety Y.**, Khakurel D., and Bussmann R.W. 2021. *Spondias pinnata* (L. f.) Kurz Anacardiaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (Eds.) Ethnobotany of the Himalayas. Springer. https://doi.org/10.1007/978-3-030-45597-2_234-2
- Adhikari K., **Uprety Y.**, Pyakurel D., Thagunna K., Bhatta L.D., and Chaudhary R.P. 2021. Healthcare Choices and Use of Medicinal Plants: An Ethnobotanical Study in Kanda Area of Bajhang District, Kailash Sacred Landscape, Nepal. In: Abbasi A.M., Bussmann R.W. (Eds.) Ethnobiology of Mountain Communities in Asia. Ethnobiology. Springer. https://doi.org/10.1007/978-3-030-55494-1_18
- Chettri, N., Lama, A.K., Gaira, K.S., Pandey, A., Dema, K., **Uprety, Y.**, & Sharma, E. (2020). Transboundary cooperation for mountain tourism in the Kangchenjunga Landscape. In Wymann von Dach, S. & Ruiz Peyre, F., (eds.). Vibrant mountain communities. Regional development in mountains: Realizing potentials, tackling disparities. Bern, Switzerland, Centre for Development and Environment (CDE), University of Bern, with Bern Open Publishing (BOP). pp. 36–38.
- **Uprety, Y.**, Oli, K.P., Paudel, K.C., Pokharel, D.M., Thapa, P., and Chaudhary, R.P. 2020. Accessing Genetic Resources and Sharing the Benefits: the Implications for Research on Biodiversity. In: M. Siwakoti, P.K. Jha, S. Rajbhandary, and S.K. Rai (Eds.), Plant Diversity in Nepal. Botanical Society of Nepal, Kathmandu. Pp. 206-224. ISBN: 978-9937-0-7047-8
- Chaudhary, R.P., **Uprety, Y.**, Devkota, S., Adhikari, S., Rai, S.K., and Joshi, S.P. 2020. Plant Biodiversity in Nepal: Status, Conservation Approaches, and Legal Instruments under New Federal Structure. In: M. Siwakoti, P.K. Jha, S. Rajbhandary, and S.K. Rai (Eds.), Plant Diversity in Nepal. Botanical Society of Nepal, Kathmandu. Pp. 167-206. ISBN: 978-9937-0-7047-8
- Singh, G., **Uprety, Y.**, Subedee, B., and Chaudhary, R.P. 2019. Allo: the Himalayan Giant Nettle. In:

Pullanikkatil, D. and Shackleton, C. (Eds). Reducing Poverty through Non-Timber Forest Products: Personal Stories. Springer. ISBN 978-3-319-75580-9

- Lake, F., Parrotta, J., Giardina, C., Hunt-Davidson, I., and **Uprety, Y.** (2018). Integration of Traditional and Western knowledge in forest landscape restoration. Pp. 198-226 in: S. Mansourian and J. Parrotta (eds.). Forest Landscape Restoration: Integrated approaches to support effective implementation. London & New York: Routledge, Earthscan Forest Library. ISBN: 978-1-138-08429-2
- **Uprety, Y.**, Poudyal, A., and Shah, R. 2018. Traditional knowledge and biodiversity conservation. In: Dhakal, M., Lamichhane, D., Ghimire, M.D., Poudyal, A., Uprety, Y., Svich, T., Pandey, M. (Eds.). 25 Years of Achievements on Biodiversity Conservation in Nepal. Ministry of Forests and Environment, Government of Nepal. Pp. 75-78. ISBN: 978-9937-0-4160-7
- Chaudhary, R.P., **Uprety, Y.**, and Joshi, S.P. 2016. Plant biodiversity in Nepal: Conservation and legal status. In: Jha, P.K., Siwakoti, M., and Rajbhandary, S. (Eds.), Frontiers of Botany. Central Department of Botany, Tribhuvan University, Nepal, pp. 224-268. ISBN: 978-9937-0-0652-1
- Chaudhary, R.P., **Uprety, Y.**, Rimal, S.K. 2016. Deforestation in Nepal: Causes, Consequences, and Responses. In: Shroder, J.F., Sivanpillai, R. (Eds.), Biological and Environmental Hazards, Risks, and Disasters. Elsevier, pp. 335–372. ISBN: 978-0123-9-4847-2

Working papers

Edited books

- Dhakal, M., Lamichhane, D., Ghimire, M.D., Poudyal, A., **Uprety, Y.**, Svich, T., Pandey, M. (Eds.). 2018. 25 Years of Achievements on Biodiversity Conservation in Nepal. Ministry of Forests and Environment, Government of Nepal. ISBN: 978-9937-0-4160-7
- Dhakal, M., Poudyal, A., **Uprety, Y.**, Basnet, H., Niraula, M., Pandey, M., Giri, S. (Eds.). 2018. Biodiversity Conservation in Nepal: the reflections in pictures. Ministry of Forests and Environment, Government of Nepal. ISBN: 978-9937-0-4161-4

Articles in Peer-reviewed Journals (student names are underlined>

- **Uprety, Y.**, Ghimire, N.P., Timalsina, B., Tamang, S. and Pokharel, K.R., 2025. Assessing Physicochemical and Biological Indicators and Their Interactions in High-Altitude Lakes of Gokyo Valley, Nepal. *Environmental Advances*, 22, 100675. <https://doi.org/10.1016/j.envadv.2025.100675>
- Chaudhary, S., Koirala, S.B., Dhungana, L., Khand, S., Neupane, S., Rai, E., Khadka, D., Kunwar, R.M., Tao, D., **Uprety, Y.**, Poudel, R.C., and Bhatta, L, R. 2025. Ethnomedicinal plants used for immediate care in Nepal: A cross-cultural review. *J Ethnobiology Ethnomedicine* 21, 75. <https://doi.org/10.1186/s13002-025-00807-y>
- **Uprety, Y.**, Oli, B.N., Karki, S., Bashyal, B., Rimal, R.K., Subedi, S., Gotame, B., Rajbhandary, S., and Baral, H.L. 2025. Tree species diversity and spatial distribution of carbon stock in forests under different management regimes in Nepal's Western Terai Arc Landscape. *Trees, Forests and People*, 100728. (Q1 Journal)
- GC, S., Joshi, K., Poudel, Y.B., Ghimire, N.P., Siwakoti, M., **Uprety, Y.**, Rai, S.K. and Rajbhandary, S., 2025. Occurrence Confirmation of *Ceriscoides turgida* (Rubiaceae) in Nepal. *The Journal of Japanese Botany*, 100(2), pp.158-161.
- Rayamajhi, A., Gyawali, N., Karki, D., Pérez-Caltzontzin, L.E., Peña-Corona, S.I., Cortés, H., Adhikari, A., Leyva-Gómez, G., **Uprety, Y.**, Habtemariam, S. and Kiyekbayeva, L., 2025. Magnolol and its semi-synthetic

derivatives: a comprehensive review of anti-cancer mechanisms, pharmacokinetics, and future therapeutic potential. *Discover Oncology*, 16(1),1-20. (Q2 Journal)

- Mattalia, G., McAlvay, A.C., Teixidor T. I., Lukawiecki, J., Moola, F., Asfaw, Z., Camara-Leret, R., Díaz, S., Franco, F. M., Halpern, B., O'Hara, C., Renard, D., **Uprety, Y.**, Wall, J., Zafra C. N., Reyes-García, V. 2025. Cultural keystone species as a tool for biocultural stewardship. A global review. *People and Nature*, 7:947–959. (Q1 Journal)
- **Khakurel, D., Uprety, Y.**, Karki, S., Khadka, B., Poudel, B.D., Ahn. G., Cha, J., Woe-Yeon Kim, W., Lee, S., and Rajbhandary, S. 2024. Assessing the risks to valuable medicinal plants in Nepal from human activities and environmental factors. *Global Ecology and Conservation*, 51 e02860. (Q1 Journal, corresponding author)
- **Uprety, Y.** and Asselin, H. 2023. Biocultural importance of the chiuri tree [*Diploknema butyracea*] (Roxb.) H. J. Lam] for the Chepang communities of Central Nepal. *Forests*, 14(3):479. <https://doi.org/10.3390/f14030479> (Q1 Journal)
- Karki, S., Dhital, A.P., **Uprety, Y.**, and Ghimire, S.K. 2023. Ethnobotanical knowledge of medicinal plants used by the Jirel community of Dolakha, Central Nepal. *Ethnobotany Research and Applications*, 25, pp.1-29. (Q1 Journal)
- **Uprety, Y.**, Tiwari, A., Karki, S., Chaudhary, A., Yadav, R.K.P., Giri, S., Shrestha, S., Poudel, K. and Dhakal, M. 2023. Characterization of Forest Ecosystems in the Chure (Siwalik hills) Landscape of Nepal Himalaya and their Conservation Need. *Forests*, 14, 100. <https://doi.org/10.3390/f14010100> (Q1 Journal)
- **Khakurel, D., Uprety, Y.**, Ahn, G., Cha, J-Y., Kim, W-Y., Lee, S-H., and Rajbhandary, S. 2022. Diversity, distribution, and sustainability of traditional medicinal plants in Kaski district, western Nepal. *Frontiers of Pharmacology, Ethnopharmacology* section 13:1076351. doi: 10.3389/fphar.2022.1076351 (Q1 Journal - corresponding author)
- **Uprety, Y.** and Bhattarai, H.D. 2022. From the field into the lab: Contribution of traditional knowledge to modern medicine. *Annapurna Journal of Health Sciences*, 2(4): 63-65.
- **Uprety, Y.**, Karki, S., Poudel, R.C., and Kunwar, R.M. 2022. Ethnoveterinary use of plants and its implication for sustainable livestock management in Nepal. *Frontiers in Veterinary Science*, doi: 10.3389/fvets.2022.930533 (Q1 Journal)
- Dulal, K., Chaudhary, S., **Uprety, Y.**, Shrestha, N., Shakya, S., and Munankarmi, N. 2022. Ethnomedicinal plants used by the local people of Changunarayan Municipality, central Nepal. *Ethnobotany Research and Applications*, 23, 1–27. (Q1 Journal)
- Kunwar, R.M., Baral, B., Luintel, S., **Uprety, Y.**, Poudel, R.C., Adhikari, B., Adhikari, Y.P., Subedi, S.C., Subedi, C.K., Poudel, P. and Paudel, H.R. 2022. Ethnomedicinal landscape: distribution of used medicinal plant species in Nepal. *Journal of Ethnobiology and Ethnomedicine*, 18(1), pp.1-11. (Q1 Journal)
- **Khakurel, D., Uprety, Y.**, Łuczaj, L., and Rajbhandary, S. 2021. Foods from the wild: Local knowledge, use pattern and distribution in Western Nepal. *PLOS ONE* 16(10): e0258905. <https://doi.org/10.1371/journal.pone.0258905> (Q1 Journal - corresponding author)
- Kutal, H.D., Kunwar, R.M., **Uprety, Y.**, Adhikari, Y.P., Bhattarai, S., Adhikari. B., Kunwar. L.M., Bhatt, M.D., and Bussmann, R.W. 2021. Selection of medicinal plants for traditional medicines in Nepal. *Journal of Ethnobiology and Ethnomedicine* 17, 59. <https://doi.org/10.1186/s13002-021-00486-5> (Q1 Journal)
- Bhandari, P., Gurung, M.B., Subedi, C.K., Chaudhary, R.P., Basnet, K.B., Gurung, J., **Uprety, Y.**, Neupane, A. and Shrestha, K.K., 2021. Traditional use of medicinal plants in the Chyangthapu-Phalaicha biological

sub-corridor, Panchthar District, Kangchenjunga Landscape, Nepal. *Ethnobotany Research and Applications*, 22:25. (Q1 Journal)

- Alshehri, M.M., Sharifi-Rad, J., Herrera-Bravo, J., Jara, E.L., Salazar, L.A., Kregiel, D., Uprety, Y., Akram, M., Iqbal, M., Martorell, M., Torrens-Mas, M., Pons, D.G., Daştan, D.S., Cruz-Martins, N., Ozdemir, F.A., Kumar, M., and Cho, W.C. 2021. Therapeutic Potential of Isoflavones with an Emphasis on Daidzein. *Oxidative Medicine and Cellular Longevity*, 6331630, <https://doi.org/10.1155/2021/6331630> (Q1 Journal)
- Sharifi-Rad, J., Quispe, C., Herrera-Bravo, J., Belén, L.H., Kaur, R., Kregiel, D., **Uprety, Y.**, Beyatli, A., Yeskaliyeva, B., Kırkın, C. and Özçelik, B., 2021. *Glycyrrhiza* Genus: Enlightening Phytochemical Components for Pharmacological and Health-Promoting Abilities. *Oxidative Medicine and Cellular Longevity*, 7571132, <https://doi.org/10.1155/2021/7571132> (Q1 Journal)
- **Uprety, Y.**, Chettri, N., Dhakal, M., Asselin, H., Chanda, R., and Chaudhary, R.P. 2021. Illegal trade a threat to wildlife conservation in Kailash Sacred Landscape Nepal. *Journal for Nature Conservation*, 59: 125952. (Q2 Journal)
- Sharma, P., Chettri, N., Uddin, K., Wangchuk, K., Joshi, R., Tandini, T., Pandey, A., Gaira, K., Basnet, K., Wangdi, S., Dorji, T., Wangchuk, N., Chitale, V.S., **Uprety, Y.**, and Sharma, E. 2020. Mapping human-wildlife conflict hotspots in a transboundary landscape, Eastern Himalaya. *Global Ecology and Conservation*, 24 e01284 (Q1 Journal)
- **Uprety, Y.** 2020. Recognizing the characteristics of the Kangchenjunga Conservation Area as a potential World Heritage property in Nepal. *Journal of World Heritage Studies*, Special issue 2020, pp. 65-71.
- Khakurel, D., **Uprety, Y.**, and Rajbhandary, S. 2020. Floristic diversity of vascular plants in Sikles Region of Annapurna Conservation Area, Nepal. *Journal of Plant Resources*, 18(1): 102-115.
- 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-Magar, S., Paudel, H.R., Baral, S., Sapkota, P., **Uprety, Y.**, LeBoa, C., and Jentsch, A. 2020. Distribution, use, trade and conservation of *Paris polyphylla* Sm. in Nepal. *Global Ecology and Conservation*, 23 e01081. (Q1 Journal)
- Salehi, B., Vlaisavljevic, S., Adetunji, C.O., Adetunji, J.B., Kregiel, D., Antolak, H., Pawlikowska, E., **Uprety, Y.**, Mileski, K.S., Devkota, H.P., Sharifi-Rad, J., Das, G., Patra, J.K., Jugran, A.K., Segura-Carretero, A., and Contreras, M.d.M. 2019. Plants of the Genus *Vitis*: Phenolic compounds, anticancer properties and clinical relevance. *Trends in Food Science and Technology*, 91:362-379. (Q1 Journal)
- Gurung, J., Chettri, N., Sharma, E., Ning, W., Chaudhary, R.P., Badola, H.K., Wangchuk, S., **Uprety, Y.**, Gaira, K.S., Bidha, N., Uddin, K., and Shah, G.M. 2019. Evolution of a transboundary landscape approach in the Hindu Kush Himalaya: Key learnings from the Kangchenjunga Landscape. *Global Ecology and Conservation*, 17 e00599. (Q1 Journal)
- Tiwari, A., **Uprety, Y.**, and Thapa, S. 2019. Plant endemism in the Nepal Himalayas and phytogeographical Implications. *Plant Diversity*, 41: 174-182. (Q1 Journal)
- Bhandari, P., **Uprety, Y.**, Shakya, L.R. 2019. *Platanthera carnosilabris* (Orchidaceae), an addition to flora of Nepal. *The Journal of Japanese Botany*. 94(1): 42-44.
- Kandel, P., Chettri, N., Chaudhary, R.P., Badola, H., Gaira, K.S., Wangchuk, S., Bidha, N., **Uprety, Y.**, Sharma, E. 2019. Plant diversity assessment of the Kangchenjunga Landscape, Eastern Himalaya. *Plant Diversity*, 41:153-165. (Q1 Journal)

- Subedee, B., Chaudhary, R.P. **Uprety, Y.**, and Dorji, T. 2018. Socio-ecological perspectives of Himalayan Giant Nettle (*Girardinia diversifolia* (Link) Friis) in Nepal. *Journal of Natural Fibers*, 17(1):9-17. (Q2 Journal)
- Ghimire, K.M., Adhikari, M., **Uprety, Y.**, and Chaudhary, R.P. 2018. Ethnomedicinal Use of Plants by the Highland Communities of Kailash Sacred Landscape, Far-west Nepal. *Academia Journal of Medicinal Plants*, 6(11): 365-378.
- Salehi, B., Albayrak, S., Antolak, H., Kręgiel, D., Pawlikowska, E., Sharifi-Rad, M., **Uprety, Y.**, Fokou, P., Yousef, Z., Zakaria, Z., Varoni, E.M., Sharopov, F., Martins, N., Iriti, M., and Sharifi-Rad, J. 2018. *Aloe* genus plants: From farm to food applications and phytopharmacotherapy. *International Journal of Molecular Sciences*, 19(9): 2843. (Q1 Journal)
- Atreya, K., Pyakurel, D., Thagunna, K.S., Bhatta, L.D., **Uprety, Y.**, Chaudhary, R.P., Oli, B.N., and Rimal, S.K. 2018. Factors contributing to the decline of traditional practices in communities from the Gwallek-Kedar area, Kailash Sacred Landscape, Nepal. *Environmental Management*, 61(5): 741-755. (Q1 Journal)
- **Uprety, Y.**, Asselin, H., and Bergeron, Y. 2017. Preserving ecosystem services on indigenous territory through restoration and management of a cultural keystone species. *Forests*. 8, 194; doi:10.3390/f8060194 (Q1 Journal)
- **Uprety, Y.**, Shrestha, U.B., Rokaya, M., Shrestha, S., Chaudhary, R.P., Thakali, A., Cookfield, G., and Asselin, H. 2017. Perceptions of climate change by highland communities in the Nepal Himalaya. *Climate and Development*, 9:7,649-661. (Q1 Journal)
- **Uprety, Y.**, Poudel, R.C., Gurung, J., Chettri, N., and Chaudhary, R.P. 2016. Traditional use and management of NTFPs in Kangchenjunga Landscape: Implications for conservation and livelihoods. *Journal of Ethnobiology and Ethnomedicine*. 12:19. (Q1 Journal)
- **Uprety, Y.**, Lacasse, A. and Asselin, H. 2016. Traditional uses of medicinal plants from the Canadian boreal forest for the management of chronic pain syndromes. *Pain Practice*, 16: 459-466. (Q1 Journal)
- **Uprety, Y.**, Chaudhary, R.P. and Chettri, N. 2014. Himalayas already have hazard network. *Nature*, 505 (7482): 160-160.
- Rokaya, M.B., **Uprety, Y.**, Poudel, R.C., Timsina, B., Münzbergová, Z., Asselin, H., Tiwari, A., Shrestha, S.S. and Sigdel, S. R. 2014. Traditional uses of medicinal plants in gastrointestinal disorders in Nepal. *Journal of Ethnopharmacology*, 158: 221-229. (Q1 journal – shared first author)
- **Uprety, Y.**, Asselin, H., Bergeron, Y. and Mazerolle, M.J. 2014. White pine (*Pinus strobus* L.) regeneration dynamics at the species' northern limit of continuous distribution. *New Forests*, 45:131-147. (Q1 journal)
- **Uprety, Y.**, Asselin, H. and Bergeron, Y. 2013. Cultural importance of white pine (*Pinus strobus* L.) to the Kitcisakik Algonquin community of western Quebec, Canada. *Canadian Journal of Forest Research*, 43:544-551. (Q1 journal)
- Poudel, R.C., Möller, M., Gao, L.M., Baral, S.R., **Uprety, Y.**, Liu, J. and Li, D.Z. 2013. Yews (*Taxus*) along the Himalayas: Exploring ethnopharmacological relevance among the communities of Mongols and Caucasians origin. *Journal of Ethnopharmacology*, 147: 190-203. (Q1 journal)
- **Uprety, Y.**, Poudel, R.C., Shrestha, K.K., Rajbhandary, S., Tiwari, N.N., Shrestha, U.B. and Asselin, H. 2012. Diversity of use and local knowledge of wild edible plant resources in Nepal. *Journal of Ethnobiology and Ethnomedicine*, 8:16. (Q1 journal)
- **Uprety, Y.**, Asselin, H., Bergeron, Y., Doyon, F., and Boucher, J.-F. 2012. Contribution of traditional knowledge to ecological restoration: Practices and applications. *Ecoscience*, 19(3): 225-237. (Q2 journal)

- **Uprety, Y.,** Asselin, H. and Julien, N. 2012. Traditional use of medicinal plants by Aboriginal people of boreal Canada: Review and perspectives. *Journal of Ethnobiology and Ethnomedicine*, 8:7. (Q1 journal)
- **Uprety, Y.,** Poudel, R.C., Asselin, H., Boon, E.K. and Shrestha, K.K. 2011. Stakeholder perspectives on use, trade, and conservation of medicinal plants in the Rasuwa District of Central Nepal. *Journal of Mountain Science*, 8(1): 75-86. (Q2 journal)
- **Uprety, Y.,** Poudel, R.C., Asselin, H. and Boon, E. 2011. Plant biodiversity and ethnobotany inside the projected impact area of the Upper Seti Hydropower Project, Western Nepal. *Environment, Development and Sustainability*, 13(3): 463-492. (Q1 journal)
- **Uprety, Y.,** Boon, E.K., Poudel, R.C., Shrestha, K.K., Rajbhandary, S., Ahenken, A. and Tiwari, N.N. 2010. Non-timber forest products in Bardiya district of Nepal: Indigenous use, trade and conservation. *Journal of Human Ecology*, 30(3): 143-158.
- **Uprety, Y.,** Asselin, H., Boon, E.K., Yadav, S. and Shrestha, K.K. 2010. Indigenous use and bio-efficacy of medicinal plants in Rasuwa district, Central Nepal. *Journal of Ethnobiology and Ethnomedicine*, 6:3. (Q1 journal)
- Kunwar, R.M., **Uprety, Y.,** Burlakoti, C., Chowdhary, C.L. and Bussmann, R.W. 2009. Indigenous use and ethnopharmacology of medicinal plants in Far-west Nepal. *Ethnobotany Research and Applications*, 7:5-28. (Q1 journal)
- Shrestha, B.B., **Uprety, Y.,** Nepal, K., Tripathi, S. and Jha, P.K. 2007. Phenology and water relations of eight woody species in the Coronation Garden of Kirtipur, Central Nepal. *Himalayan Journal of Sciences*, 4 (6):49-56.
- Shrestha, B.B., **Uprety, Y.** and Jha, P.K. 2006. Wood properties in relation to foliar phenology of some planted tree species at Kirtipur, Central Nepal. *Tropical Ecology*, 47(2): 201-209. (Q2 journal)
- Poudel, R.C. and **Uprety, Y.** 2004. Ethnobotanical and NTFP survey in Nuwakot district, Nepal. *Botanica Orientalis*, 4:66-71.
- Shrestha, B.B., Duwadee, N.P., **Uprety, Y.,** Shrestha, U.B. and Poudel, S. 2004. Regeneration of *Quercus semecarpifolia* Sm. in Shivapuri Hill, Nepal. *Banko Janakari*, 14(2):25-29. (Q3 Journal)

Papers under review or revision

- **Uprety, Y., et al. (under review in Journal of Sustainable Forestry – Q1 journal).** Assessing the Economic and Ecological Potentials of Non-timber Forest Products in the Chure Landscape (Siwalik hills) of Nepal.
- **Uprety, Y., et al. (under review in Environmental Advances – Q1 journal).** Assessing the Physico-Chemical and Biological Indicators of the High-Altitude Lakes in Gokyo Valley, Nepal.
- **....., Uprety, Y., et al (corresponding author), under review in Wetland Ecology and Management – Q2 journal).** Bathymetry, Morphometry, and Water Quality of the Mai Pokhari Ramsar Site in the Kangchenjunga Landscape, Eastern Himalaya
- **.....Uprety, Y., et al. (co-author, under review in Nature Sustainability – Nature Portfolio journal)** Think Global, Sustain Local: Advancing Global Biodiversity Use Data While Sustaining Local and Ancestral Sciences
- **.....Uprety, Y., et al. (co-author, under review in Bioscience – Q1 journal)** Stewardship practices co-produce Nature’s contributions to people

-**Uprety, Y., et al. (co-author, under revision for Journal of Ethnobiology and Ethnomedicine – Q1 journal)** Ethnomedicinal Plants Used as immediate medicine in Nepal: A cross-cultural Review

Proceedings' Papers and Abstracts

- **Uprety, Y.** 2024. Economic and Ecological Potential of NTFPs in Chure Landscape of Nepal. In the book of abstracts, IUFRO Congress, Stockholm, Sweden.
- **Uprety, Y.** 2024. Cultural Keystone Species as a tool for biocultural stewardship. In the book of abstracts, ISE (International Society of Ethnobiology) Congress, Marrakech, Morocco.
- **Uprety, Y.** 2023. Assessing vulnerability of medicinal plants in the Himalaya. In the book of abstracts, the International Conference of the Third Pole Environment, China.
- **Uprety, Y.** 2016. Illegal wildlife trade as a conservation threat to wildlife in Kailash Sacred Landscape Nepal. In: Book of Abstracts, *The 2nd Environment and Natural Resources International Conference (ENRIC 2016): Interdisciplinary Approaches to Save Future Earth Environment* 16 – 17 November, Thailand.
- Chaudhary, R.P., **Uprety, Y.** and Chettri, N. 2014. Ecosystem Approach in Conservation and Development Planning. In: *Book of Abstracts, Tropical Ecology Congress 2014*, 10-12 December, 2014, Jawaharlal Nehru University, New Delhi.
- **Uprety, Y.**, Asselin, H., and Bergeron, Y. 2011. Ecological restoration in cultural context. In: *Book of Abstracts* 4th World Conference on Ecological Restoration, August 2011. Merida, Mexico.
- Tiwari, N.N., Poudel, R.C. and **Uprety, Y.** 2006. Study on the domestic market of medicinal and aromatic plants in Kathmandu valley. In: Synthesis of seminar presentations and discussions on herbs, herbal products and spices, 2006. Canadian Center for International Studies and Cooperation (CECI), Kathmandu.
- **Uprety, Y.**, Rajbhandary, S. and Poudel, R.C. 2006. Ecology and ethnobotany of wild edible plants in Kailali, far west Nepal. In: Proceeding of Fourth National Conference on Science and Technology, March 23-26, 2004. Nepal Academy of Science and Technology, Kathmandu.

Short Communications in national dailies and magazines (mostly educational materials for students, practitioners, and policy makers)

- Uprety, Y. and Basnet, G. 2021. Samrakshan ka sharthak prayas. Aswin 8, 2078. https://nagariknews.nagariknetwork.com/opinion/630521-1632447189.html?click_from=category
- Uprety, Y. and Jha, P.K. 2021. Banaspati bigyan ko baddo mahattyo (Increasing importance of Botany). Jestha 8, 2078.
- Uprety, Y. 2020. Prithivi Punarsthapana Dashak (Decade on Ecological Restoration). 21 Ashoj, 2077. https://nagariknews.nagariknetwork.com/opinion/355321-1602047794.html?click_from=category
- **Uprety, Y.** 2020. Marsi savyeta (Marsi civilization). 29 Kartik, 2077. Nagarik National Daily, <https://nagariknews.nagariknetwork.com/arts/382191-1605330157.html>
- **Uprety, Y.** 2020. Nagarik Bigyan (Citizen science). Nagarik National Daily, Bhandra 6, 2077, Online URL: <https://nagariknews.nagariknetwork.com/health/313491-1598074938.html>
- **Uprety, Y.** 2020. Traditional knowledge in modern medicine. Himalkhabar, Asar 31, 2077. Online URL: <https://www.himalkhabar.com/news/115939>
- **Uprety, Y.** and Poudel, R.C. 2020. Not invasive, medicinal Jacaranda. Himalkhabar, Asar 12, 2077. Online URL: <https://www.himalkhabar.com/news/115437>

- **Uprety, Y.** 2020. Useful plant Gurjo. Himalkhabar, Ashar 8, 2077. Online URL: <https://www.himalkhabar.com/news/115299>
- **Uprety, Y.** 2020. Documentation of traditional knowledge. Gorkhapatra National Daily, Kathmandu, Jestha 9, 2077. Online URL: <https://gorkhapatraonline.com/opinion/2020-05-22-14835?fbclid=IwAR019zu4wsqdAABTgqzcDGHsrcs37G7FK4oARdf2-CD976ObCG6wQDAsjsA>
- **Uprety, Y.** 2019. Conservation of genetic resources. Kantipur National Daily, Kathmandu. Chaitra 23, 2075. Online URL: <https://ekantipur.com/opinion/2019/04/06/155451940076596838.html>
- **Uprety, Y.** and Asselin, H. 2012. Indigenous knowledge for biodiversity conservation and climate change adaptation. *Bulletin of DIALOG - Aboriginal People Research and Knowledge Network*, June, pp. 12-14. [Online URL: <http://www.reseaudialog.ca/Docs/BulletinDIALOGJuin2012.pdf>]
- **Uprety, Y.,** Asselin, H., Bergeron, Y., Boucher, J.-F. and Doyon, F. 2011. Traditional knowledge and ecological restoration. *Bulletin of DIALOG - Aboriginal People Research and Knowledge Network*, March 12-14. [Online URL: <http://www.reseaudialog.ca/Docs/BulletinDialogDecembre2011.pdf>]
- **Uprety, Y.,** Asselin, H. and Bergeron, Y. 2011. Management and restoration of white pine in an Aboriginal context. *Bulletin of DIALOG - Aboriginal People Research and Knowledge Network*, March 12-14. [Online <http://www.reseaudialog.ca/Docs/BulletinDialogMars2011.pdf>]
- Kunwar, R.M., and **Uprety, Y.** 2005. Alien invasive plant (*Eupatorium* species–*Banmara*, *Banmasa*) in Nepal. *Aliens*, 21:5-7.
- **Uprety, Y.** and Shrestha, S.S. 2004. NTFPs and their importance. *The Rising Nepal* (Feb. 10). 2004.
-
- **Uprety, Y.** 2003. Process of deforestation and its ecological impacts in Nepal. *Botanica Orientalis*, 3: 41-43.

Project Reports

- As a Team Leader – **Wetlands of Chure (Siwalik Hills): An Inventory and Conservation Assessment.** 2025. Report submitted to the Ministry of Education, Science and Technology, Government of Nepal.
- As a Team Leader – **Understanding social importance and ecological dynamics of Chiuri (*Diploknema butyracea* (Roxb.) H.J. Lam) in Chepang’s cultural territories in Central Nepal.** 2023. Submitted to IoST, TU.
-
- As a Team Leader - **Biodiversity Assessment of Biological Corridors (Kamdi, Karnali and Brahmadev) and Buffer Zones (Banke and Bardia National Parks) of Terai Arc Landscape.** 2023. Submitted to MoFE and WWF
- As a Team Leader – **Socio-economic Assessment of Biological Corridors (Kamdi, Karnali and Brahmadev) and Buffer Zones (Banke and Bardia National Parks) of Terai Arc Landscape.** 2023. Submitted to MoFE and WWF
- As a Team Leader – **Survey of Forest Ecosystems of Chure, Nepal.** 2022. Submitted to President Chure Terai Madhesh Conservation and Development Board, Lalitpur.
- As a co-Team Leader – **Non-timber Forest Products of Chure, Nepal.** 2022. Submitted to President Chure Terai Madhesh Conservation and Development Board, Lalitpur.
- Core group contributor of **Management Plan of Lake Cluster of Pokhara Valley (2016-2025).** Hariyo Ban (USAID funded project), WWF-Nepal.

- Core group contributor of *Chitwan-Annapurna Landscape Nepal: Strategy and Action Plan (2016-2025)* A project report prepared for Ministry of Forests and Soil Conservation, Government of Nepal and WWF Nepal's Hariyo Ban Program (USAID funded project).
- Core group contributor of *Feasibility Assessment Report, Conservation and Development Strategy and Program Document with Implementation Plan* for Kangchenjunga Landscape Conservation and Development Initiative - Nepal. Project reports prepared by Research Centre for Applied Science and Technology (RECAST) and submitted to Ministry of Forests and Soil Conservation, Government of Nepal and International Centre for Integrated Mountain Development (ICIMOD). GIZ and Austrian Government Funded Project.
- Poudel, R.C. and **Uprety, Y.** 2006. Floristic Study, Vegetation Analysis and Ethnobotany of Upper Seti Storage Hydroelectric Project Area (Damauli to Bhimad), West Nepal. A project report submitted to the Nepal Environmental and Scientific Services (P) Ltd. Kathmandu.
- **Uprety, Y.** 2005. Ethnobotanical Study on Bankariya Ethnic Group in Makwanpur District, Central Nepal, A project report submitted to the University Grants Commission, Kathmandu, Nepal.
- **Uprety, Y.** and Poudel, R.C. 2004. Vertical Scaling-up Methodology for Domestication of Chiraito in Nepal. Project Report submitted to HARP, Kathmandu.
- Shrestha, K.K., Tiwari, N.N., Rajbhandary, S., Poudel R.C., and **Uprety, Y.** 2004. Ethnobotany in Nepal: Review and Perspectives. Project Report submitted to WWF Nepal Program, Kathmandu.
- Tiwari, N.N., Poudel, R.C. and **Uprety, Y.** 2004. Study on Domestic Market of Medicinal and Aromatic Plants (MAPs) in Kathmandu Valley. Project Report submitted to Winrock International, BDS/MaPS, Kathmandu.
- Shrestha K.K., Tiwari, N.N., Rajbhandary, S., Shrestha,S., **Uprety, Y.** and Poudel R.C. 2003. Non-Timber Forest Products (NTFPs) in the Critical Bottlenecks and Corridors of Tarai Arc Landscape-Nepal: Documentation, Utilization, Trade and People's livelihood. Project Report submitted to WWF Nepal Program, Kathmandu.
- Shrestha K.K., Rajbhandary, S., Tiwari, N.N., Poudel R.C. and **Uprety, Y.** 2003. Action Plan for the Management of Non-Timber Forest Products (NTFPs) in the Critical Bottlenecks and Corridors of Tarai Arc Landscape (TAL)-Nepal. Project Report submitted to WWF Nepal Program, Kathmandu.

Ph.D. dissertation

- White pine (*Pinus strobus* L.) dynamics at the species' northern limit of continuous distribution, and restoration and management options in an Aboriginal context

Master theses

- Medicinal and aromatic plants (MAPs) in an alpine environment: A case study of Rasuwa district, central Nepal. Department of Human Ecology, Vrije Universiteit Brussel (VUB), Brussels, Belgium; 2008.
- Water relations of *Alnus nepalensis* D. Don and *Cotoneaster bacillaris* Wall. ex. Lindl. in Kirtipur, Kathmandu, Nepal. Central Department of Botany, Tribhuvan University, Kathmandu, Nepal; 2002.

Database

- **Medicinal plants used by Aboriginal people of the Canadian boreal forest** (<http://mackiki.uqat.ca/>) Database on traditional use of more than 500 medicinal plants based on article by Uprety, Y., Asselin, H., et al. 2012. Traditional use of medicinal plants in the boreal forest of Canada: review and perspectives. *Journal of Ethnobiology and Ethnomedicine* 8:7.

Conference and Training Participation and Presentation

- Paper presented at the International Union of Forest Research Organizations (IUFRO) Congress 2024, Stockholm, Sweden, June 23-30, 2024. Paper title: Economic and Ecological Potentials of Non-timber Forest Products in Chure Landscape (Siwalik Hills) of Nepal
- Paper presented at the International Society of Ethnobiology Congress, Marrakech, Morocco, May 15-20, 2024. Paper title: Cultural keystone species as a tool for species and forest management: Comparative perspectives from Canada and Nepal
- Paper presented at the Third Pole Environment Conference, Chinqing, China, October 11-14, 2023. Paper title: Assessing risks to medicinal plants in the Nepal Himalaya.
- Paper presentation and Capacity Building Workshop on Nature-Culture Linkages in Asia and the Pacific, Organized by University of Tsukuba, Japan, September 24-October 4, 2019. Paper title: Recognizing the characteristics of the Kangchenjunga Conservation Area as a potential World Heritage property in Nepal
- Paper and poster presentation at the Conference of the Parties to Convention on Biological Diversity (CBD COP14), Egypt, November 14-29, 2018. (Organized side event on behalf of Government of Nepal)
- Paper presented at the International Workshop on Plant Diversity and Conservation in Belt and Road Countries, Kunming Institute of Botany, Kunming, China, September 9-22, 2018.
- Paper presented at XXII International Conference of the Society of the Human Ecology, University of the Philippines Los Baños, The Philippines, November 28-1 December, 2017.
- International course on *Competing claims on land, water and other (agricultural) resources: Reconciling agricultural development and biodiversity conservation at the landscape level* offered by Wageningen Centre for Development Innovation, The Netherlands, March 26-April 10, 2017.
- Paper presented at the 2nd Environment and Natural Resources International Conference (ENRIC 2016): Interdisciplinary Approaches to Save Future Earth Environment, 16 – 17 November, Thailand.
- International course on *Governance of Landscapes, Forests and People* course offered by Wageningen University, Centre for International Forestry Research (CIFOR) and World Agroforestry Centre, August 24-September 4, 2015, Bogor, Indonesia.
- Workshop on Long-term Monitoring of Ecosystems, Organized by International Centre for Integrated Mountain Development (ICIMOD), September 22-27, 2014, Chengdu, China.
- Training workshop on Communication Strategy, September 1-2, 2014, Kathmandu, Nepal.
- Training workshop on Piloting ecosystem management framework in transboundary landscapes, Organized by International Centre for Integrated Mountain Development (ICIMOD), September 5-7, 2014, Kathmandu, Nepal.

- 2nd regional consultation workshop on Kangchenjunga Landscape Conservation and Development Initiative, 16-18 April 2014, Thimpu, Bhutan.
- Poster presented at 5th Research and Knowledge Mobilization International Forum of DIALOG (Aboriginal People Research and Knowledge Network), November 2012. Montreal, Quebec, Canada.
- Paper presented at 10th National Student Conference on Northern Studies, November 2012, Val d'Or, Quebec, Canada.
- Seminar on the Ethics of Research with Aboriginal People, September 2011, Val d'Or, Quebec, Canada.
- Paper presented at 4th World Conference on Ecological Restoration, August 2011. Merida, Mexico.
- Poster presented at 4th Research and Knowledge Mobilization International Forum of DIALOG, September 2010. Montreal, Quebec, Canada.
- Poster presented at the Réseau DIALOG, Nomadic University, June 2010. Val-d'Or, Quebec, Canada.
- Poster presented at the Student Conference on Conservation Science, March, 2008. Cambridge University, Cambridge, UK.
- Global Jean Monnet Conference 2007: The European Union and Sustainable Development, Brussels, Belgium. November 2007.
- The Millennium Ecosystem Assessment: Implications for Belgium, Palace of the Academies, Brussels. October 2006.
- Biology Teachers Training, Higher Secondary Education Board, April 2005, Kathmandu.
- Paper presented at the National Conference of Botanical Society of Nepal. March 2005, Kathmandu.
- Paper presented at the National Workshop on Identification of Appropriate Methodology for the Domestication of Chiraito in Nepal, Hill Agriculture Research Project, August 2004, Kathmandu.
- Paper presented at 4th National Conference on Science and Technology, Nepal Academy of Science and Technology, March, 2004, Kathmandu.
- Poster presented at the National Seminar on Recent Advances in Plant Science, Thakur Ram Campus. March 2002, Birgunj, Nepal.

Fellowships and Awards

- December 2016, NFP fellowship to undertake the short course *Competing claims on land, water and other (agricultural) resources: Reconciling agricultural development and biodiversity conservation at the landscape level* offered by Wageningen Centre for Development Innovation, The Netherlands.
- **December 2015, “The World Academy of Science (TWAS)” award by TWAS/NAST**
- Nepal Vidya Bhushan “Ka” 2014, from The Rt Hon President for completing Doctoral degree (Highest honour for PhD in Nepal)
- November 2012. Best poster award, 5th Research and Knowledge Mobilization International Forum of DIALOG, Montreal, Quebec, Canada. Uprety, Y., Asselin, H. & Bergeron, Y. Cultural importance of white pine (*Pinus strobus*) to the Kitcisakik Algonquin community of western Quebec
- 2011. Scholarship from Association Québécoise de Gestion de la Végétation (AQGV)
- 2011. Scholarship from Centre de recherche sur la gouvernance des ressources naturelles et du territoire (CRGRNT).
- 2010. Scholarship from Chaire Desjardins en développement des petites collectivités (UQAT).

- 2010. Scholarship from Aboriginal People Research and Knowledge Network (DIALOG).
- June 2010. Best Poster award, Réseau DIALOG, Nomadic University. June 13-19, Val-d'Or, Quebec, Canada. Uprety, Y., Asselin, H. & Bergeron, Y. Management and restoration of white pine on Kitcisakik's territory, Quebec.
- May 2006. VLIR-OUS (Belgium University Development Cooperation) two years scholarship award to study Master's in Human Ecology at Vrije Universiteit Brussel, Belgium.

Other Experience

- Guest Editor, Special Issue of the Journal "Resources" (MDPI)
- Editor of *KSLCDI Newsletters* (2016, 2017 issues) Published by Research Centre for Applied Science and Technology (RECAST), Tribhuvan University, Kathmandu.
- Editor of *Botanica Orientalis: A Journal of Plant Science* (2003 Annual issue) published by Central Department of Botany, Tribhuvan University, Nepal.
- Associate Editor of *ESON Newsletter* (2003) Published by Ethnobotanical Society of Nepal.
- Editor of *Ascol Remind: Student Reminiscence* (1999) published by Amrit Science Campus.

Reviewer for the journals

- **Provided peer-review service to more than 30 international journals including** Agroforestry Systems, Biodiversity and Conservation, Conservation Biology; Discover Sustainability, Ecosystem Services; Ecosystems and People, Economic Botany, Environmental Conservation, Human Ecology, Journal of Sustainable Forestry, Global Environmental Change; Small-Scale Forestry; Restoration Ecology, Sustainability; Environments; Plants; Resources; Ecoscience; Forests; Forest Policy and Economics; Journal of Mountain Science; Journal of Herbal Medicine; Journal of Forestry Research; Ethnobotany Research and Applications, Journal of Ethnobiology and Ethnomedicine; People and Nature, World Development, etc.

Thesis/Dissertation Supervision

- About 10 Master's and one PhD students' supervision at the Central Department of Botany, T.U. and Forestry Campuses, Pokhara and Hetauda

Other Experience

- Organizer, Side event at Convention on Biological Diversity CoP 14, Egypt, 2018.
- **Organizing Committee Member:** 10th National Student Conference on Northern Studies, November 1 to 3, 2012, Val d'Or, Quebec, Canada. Conference jointly organized by the Association of Canadian Universities for Northern Studies (ACUNS) and Université du Québec (UQAT).

Declaration

I certify that all the information stated in this CV is true and complete.



July 30, 2025