

## Deepak Gautam, Ph.D.

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Institute of Forestry (IOF), Pokhara Campus, Pokhara  
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### Academic Appointments:

2017 – Present	Assistant Professor Department of Social Forestry and Forest Management Tribhuvan University, IOF, Pokhara Campus, Pokhara, Nepal
2023– Present	Assistant Professor (visiting) Tribhuvan University, Kalika Multiple Campus, Pokhara, Nepal
2015 – 2016	Teaching Assistant Department of Silviculture and Forest Biology Tribhuvan University, IOF, Hetauda Campus, Hetauda, Nepal
2015 April – 2015 August	Assistant Professor (visiting) Pokhara University, Leknath, Kaski, Nepal
2011 - 2014	Secondary Level Environment Science Teacher (Part-time) Shantideep School, Majheripatan-14, Pokhara, Nepal
2011- 2014	Faculty (Course contract) Tribhuvan University, IOF, Pokhara Campus, Pokhara, Nepal

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### Education:

2018- 2024	Ph.D. in Ecology, School of Ecology and Nature Conservation, Beijing Forestry University, Beijing, China Dissertation Advisor: Xiaojuan Tong
2008-2010	M.S. in Natural Resource Management and Rural Development, Tribhuvan University, IOF, Pokhara Campus, Pokhara, Nepal Thesis Advisor: Keshav Datt Awasthi
2004-2008	B.S. in Forestry, Tribhuvan University, IOF, Pokhara Campus, Pokhara, Nepal

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**Publications:** Citations 550 | i10-index 22 | h-index 14 | ([Google scholar](#))

## Peer Reviewed

Neupane, B., Gautam, N., Miya, M. S., Upadhyaya, A., Timilsina, Y. P., **Gautam, D.**, ... & Dhimi, B. (2023). Socio-Economic Contribution of *Zanthoxylum armatum* (Timur) in the Rural Household Income of Myagdi District, Nepal. *Environment and Natural Resources Journal*, 21(1), 58-66. DOI: 10.32526/enrj/21/202200175

Dahal, U., Raut, N., Dhital, A., Mainali, S., **Gautam, D.**, & Tripathi, S. (2023). Impacts of Livestock Grazing on Wild Ungulate Habitat in the Khata Corridor, Bardiya, Nepal. *International Journal of Forestry Research*, 2023(1), 3981111. <https://doi.org/10.1155/2023/3981111>

**Gautam, D.**, Gaire, N. P., Subedi, M., Sharma, R. P., Tripathi, S., Sigdel, R., ... & Tong, X. (2022). Moisture, not temperature, in the pre-monsoon influences *Pinus wallichiana* growth along the altitudinal and aspect gradients in the lower Himalayas of Central Nepal. *Forests*, 13(11), 1771. <https://doi.org/10.3390/f13111771>

Omifolaji, J. K., Ikyaagba, E. T., Alarape, A. A., Jimoh, S. O., Kouassi, C. J., **Gautam D.**, & Xiaofeng, L. U. A. N. (2022). Diversity and Distribution of Anomalures and Squirrels in Oban Hills of Nigeria. *Hystrix: The Italian Journal of Mammalogy*, 33(1). Doi:10.4404/hystrix-00477-2021

Thapa, S., Shrestha, S., Adhikari, R. K., Bhattarai, S., Paudel, D., **Gautam, D.**, & Koirala, A. (2022). Residents' willingness-to-pay for watershed conservation program facilitating ecosystem services in Begnas watershed, Nepal. *Environment, Development and Sustainability*, 24(6), 7811-7832. <https://doi.org/10.1007/s10668-021-01759-5>

Ayer, K., Kandel, P., **Gautam, D.**, Khadka, P., & Miya, M. S. (2022). Comparative Study of Carbon Stock and Tree Diversity between Scientifically and Conventionally Managed Community Forests of Kanchanpur District, Nepal. *Environment and Natural Resources Journal*, 20(5), 494-504. DOI: 10.32526/enrj/20/202200010

Thagunna, R. S., Chhetri, S. G., **Gautam, D.**, Bhattarai, D., & Thapa, P. S. (2022). Climate change, climatic disasters, and adaptation techniques: learnings from the lowlands of Nepal. *Banko Janakari*, 32(1), 25-40. DOI: 10.3126/banko.v32i1.45443

Regmi, S., Neupane, B., Dhimi, B., **Gautam, D.**, Panthi, S., & Poudel, M. (2022). Niche breadth and overlap of spotted deer and domestic cattle with swamp deer in tropical region of Nepal. *Ecological Processes*, 11(1), 1-10. <https://doi.org/10.1186/s13717-022-00367-z>

**Gautam, D.**, Karki, J., Gaire, N. P., Roth, B. E., Bhattarai, S., Thapa, S., ... & Liu, Q. J. (2021). Intra-and interannual climate variability drives the radial growth of *Pinus wallichiana* in the Nepalese Himalayas. *Plant Ecology & Diversity*, 13(5-6), 391-400. DOI: 10.1080/17550874.2021.1890258

**Gautam, D.**, Shrestha, N. M., Gaire, N. P., Roth, B. E., Jandug, C. M. B., Tong, X. J., & Liu, Q. J. (2021). A 99-year chronology of blue pine (*Pinus wallichiana*) tree-rings concerning interannual climate variability in the central Himalayas of Nepal. *Applied Ecology and Environmental Research*, 19(5), 3519-3532. DOI:10.15666/aeer/1905\_35193532

Miya, M. S., Chhetri, A., **Gautam, D.**, & Kehinde Omifolaji, J. (2021). Diversity and abundance of butterflies (Lepidoptera) in Byas municipality of the Tanahun district, Nepal. *Journal of Crop Protection*, 10(4), 685-700.

Sayab Miya, M., **Gautam, D.**, Neupane, B., & Chhetri, A. (2021). Species diversity and abundance of Odonata in Sishaghat of Tanahun district, Nepal. *Journal of Animal Diversity*, 3(3), 45-55.  
DOI: 10.52547/JAD.2021.3.3.4

Kafle, K., Thanet, D. R., Poudel, P., **Gautam, D.**, Thapa, G., & Bhatt, P. (2020). Status and conservation threats to large mammals of the Laljhadi Mohana Biological Corridor, Nepal. *Journal of Animal Diversity*, 2(2), 16-33

Joshi, G., Neupane, B., Dahal, D., Shrestha, S., Dhakal, P., Jandug, C. M. B., & **Gautam, D.** (2020). Assessment of human-wildlife conflict in Kailali district of Nepal. *Journal of Animal Diversity*, 2(3), 24-36.

## Book Chapter

GC, D.B., Bhandari, J., **Gautam, D.**, Jan, A.H., Abbasi, A.M., Bussman R.W., Paniagua-Zambrana, N.Y. (2021). *Juglans regia* L. Juglandaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds). *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham.

## Other Publications

**Gautam, D.**, Regmi, K., Shrestha, S., & Karki, P. (2024). Medicinal Plants as A Natural Immunity Booster Against Covid 19: A Review. *Kalika Journal of Multidisciplinary Studies*, 6(1), 145-167.

Dhakal, A., Paudel, D., Neupane, A., & **Gautam, D.** (2023). Ethno-medicinal Plants Used by Local Communities of Pokhara Metropolitan City of Kaski District, Western Nepal. *Kalika Journal of Multidisciplinary Studies*, 1-18.

Subedi, M., Timilsina, B., Adhikari, N., & Gautam, D. (2022). *Tinospora Cordifolia* (Gurjo) and Its Potential Role to Combat with COVID-19: A Review. *Janapriya Journal of Interdisciplinary Studies*, 11(1), 121-132.

Lamichhane, S., & **Gautam, D.** (2022). Medicinal Value of *Cassia Fistula* Linn: A Comprehensive Review. *Kalika Journal of Multidisciplinary Studies*, 10-20.

Oli, B., & **Gautam, D.** (2022). Medicinal value of *Azadirachta indica*: A review. *Modern Phytomorphology*, 15, 161-167.

Subedi, P. B., Ojha, P., Mahara, S., & **Gautam, D.** (2022). Assessment of rate and drivers of deforestation and forest degradation in the lower-tropical region: a case of Punarbas Municipality, Nepal. *Our Nature*, 20(1).

Sharma, M., & **Gautam, D.** (2022). Phytoconstituents and medicinal value of *Mentha piperita*. *Modern Phytomorphology*, 15, 156-160

Bohara, B., Miya, M. S., Timilsina, S., **Gautam, D.**, & Regmi, S. (2021). Biomass and Carbon Stock Variation along slopes in Tropical Forest of Nepal: A case of Depard Community Forest, Makwanpur, Nepal. *Journal of Multidisciplinary Applied Natural Science*, 1(2), 89-99.

**Gautam, D.**, Sharma, G., Sigdel, R., Basyal, C. R., & Mainali, S. (2021). The Implication of REDD+ in Community Forestry (CF) Governance and Local Livelihood: A Case from Nepal. *Contemporary Research: An Interdisciplinary Academic Journal*, 5(1), 24-34.

Sharma, M., Bhattarai, S., Thapa, S., Panthi, B., Chhetri, H. B., & **Gautam, D.** (2021). Assessing payment for ecosystem services of Panchase Conservation Area: Exploring the potentialities. *Janapriya Journal of Interdisciplinary Studies*, 10(1), 37-50.

Lamichhane, R., **Gautam, D.**, Miya, M.S., Chhetri, H.B., & Timilsina, S. (2021). Role of Non-Timber Forest Products in National Economy: A Case of Jajarkot District, Nepal. *Grassroots Journal of Natural Resources*, 4(1), 94-105.

Poudel, B., Bhandari, J., Poudel, A., & **Gautam, D.** (2021). Ethnomedicinal use of common garden species in Arghakhanchi district, Western Nepal. *Asian Journal of Pharmacognocny*, 4, 31-65.

Dahal, S., Thanet, D. R., & **Gautam, D.** (2020). Assessment of Human-Tiger Conflict and Its Community Based Mitigation Efforts in Madi Valley of Chitwan District, Nepal. *Journal of Forest and Natural Resource Management*, 2(1), 37-49.

Thapa, S., Shrestha, S., Bhattarai, S., Miya, M. S., & **Gautam, D.** (2020). Assessment of Residents' Understanding of Potential Ecosystem Services of Phewa Watershed. *Journal of Forest and Natural Resource Management*, 2(1), 61-78.

Timilsina, S., Bhattarai, R., Miya, MS and **Gautam, D.** (2020). Sissoo, its Pathogenic Constraints and their Management in Nepal: A review. *Grassroots Journal of Natural Resources*, 3(4), 1-17.

Gahatraj, S., Bhusal, B., Sapkota, K., Dhami, B., & **Gautam, D.** (2020). Common medicinal plants of Nepal: A review of Triphala: Harro (*Terminalia chebula*), Barro (*Terminalia bellirica*), and Amala (*Emblica officinalis*). *Asian J. Pharmacogn*, 4(3), 5-13.

Miya, M. S., & **Gautam, D.** (2021). Checklist of floral species at the Institute of Forestry, Pokhara Campus, Pokhara, Nepal. *Forestry: Journal of Institute of Forestry, Nepal*, 18(01), 133-177.

Gautam, D., & Khatri, A. (2021). COVID-19 global pandemic lockdown impact on visit Nepal year 2020: A review. *The Gaze: Journal of Tourism and Hospitality*, 12(1), 112-125.

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## Award and Honors

2018 **Chinese Government Scholarship** – Awarded for PhD studies in *Beijing Forestry University, Beijing, China* (Full scholarship)

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## Course Taught

2011-2014	Rangeland Management (WME 553); Forest Law and Policy (SFM 404) & Forest Extension Education (SFM 355) at undergraduate level at IOF, Pokhara
2015	Silviculture (SFB 305); Tree Improvement and Silviculture (SFB 456) and Advance Silviculture at undergraduate level at IOF, Hetauda; Natural Resource Management at undergraduate level at Pokhara University
2016	Forest Management I; Forest Management-II; Silviculture (SFB 305); Tree Improvement and Silviculture (SFB 456); Rangeland Management (WME 553) at undergraduate level at IOF, Hetauda
2017	Advance Silviculture; Forest Extension Education (SFM 355) & Rangeland Management (WME 553) at undergraduate level at IOF, Pokhara

2018	Tree Improvement and Silviculture (SFB 456) at undergraduate level at IOF, Pokhara; Society Culture and forestry (SFM608) at Graduate level at IOF, Pokhara
2020	Forest Extension Education (SFM 355) at undergraduate level at IOF, Pokhara (online mode)
2021	Range Management (WME 553) at undergraduate level at IOF, Pokhara
2022	Forest Mensuration-I (SFM 212) & Range Management (WME 553) at undergraduate level at IOF, Pokhara
2023	Forest Plantation and Agroforestry (SFB 215) Range Management (WME 553) at undergraduate level at IOF, Pokhara; Research Methodology & Project Management at Graduate level at TU, Kalika Multiple Campus, Pokhara; Forest Biometrics (Dendrochronology portion) at Graduate level at IOF, Pokhara and Hetauda
2024	Project Management (SFM 556) at undergraduate level at IOF, Pokhara; Research Methodology & Project Management at Graduate level at TU, Kalika Multiple Campus, Pokhara; Forest Biometrics (Dendrochronology portion) at Graduate level at IOF, Pokhara and Hetauda

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## Graduate Students

### Tribhuvan University, Institute of Forestry, Pokhara

- Hari Raj Pokharel M.S. 2022 (Advisor)
- Bipin Bhattarai M.S. 2023 (Co-advisor)

### Undergraduate Research Projects Mentored:

1. Sangit Parajuli 2024 (Advisor)
2. Anupuma Dhakal 2024 (Advisor)
3. Bini Nepal 2023 (Co-advisor)
4. Hari Raj Pokharel 2016 (Advisor)

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## Services

### Institutional Service:

2024 to present	Research Committee member, IOF, Pokhara
2015-2016	Member of Campus Management Committee, IOF Hetauda
2015-2016	Member of MSc. Forestry Program Management Committee
2015-2016	Head of the Department of Silviculture and Forest Biology, IOF, Hetauda