

AMBIKA P. GAUTAM

PERSONAL DETAILS

Nationality: Nepalese

Tel. (mobile): +977-9851029413

E-mail: gautam.ambika@gmail.com

Skype: ambika.gautam

LinkedIn: [np.linkedin.com/pub/ambika-p-gautam/32/952/716](https://www.linkedin.com/pub/ambika-p-gautam/32/952/716)

Research Gate:

<https://www.researchgate.net/profile/Ambika-Gautam/unconfirmed?acceptedAuthorUId=2192705347>

Mountain Research Initiative Experts' Database: <https://mri.django-hosting.ch/user/ambikaprasad/>

Scopus database: <https://www.scopus.com/authid/detail.uri?authorId=57226279175> (to be updated)

Google Scholar: [https://scholar.google.com/citations?hl=en&tzom=-](https://scholar.google.com/citations?hl=en&tzom=-345&user=glJUiHQAAAAJ&view_op=list_works&gmla=AHoSzIVIIYIf_uGNOMZyKE4bZd7L3W)

[345&user=glJUiHQAAAAJ&view_op=list_works&gmla=AHoSzIVIIYIf_uGNOMZyKE4bZd7L3W](https://scholar.google.com/citations?hl=en&tzom=-345&user=glJUiHQAAAAJ&view_op=list_works&gmla=AHoSzIVIIYIf_uGNOMZyKE4bZd7L3W)
[Q8qwI0NWGnFhki_1edJLkzUno0Z1ZZHjvCY6cQX8SH6HoujBSfjUhUzyMO](https://scholar.google.com/citations?hl=en&tzom=-345&user=glJUiHQAAAAJ&view_op=list_works&gmla=AHoSzIVIIYIf_uGNOMZyKE4bZd7L3W)

ORCID: 0000-0001-9800-0057



SUMMARY

Professor Dr. Ambika P. Gautam has an MSc and PhD in Natural Resources Management (NRM) from the Asian Institute of Technology (AIT), Thailand, and a Postgraduate Diploma in Forest Survey from the International Institute for Geo-Information Science and Earth Observation, the Netherlands.

Dr. Gautam is a NRM professional and academician with over 35 years of experience in developing, managing, and implementing NRM programs and teaching NRM and forestry subjects in reputed universities in south and south-east Asia. Prior to joining Kathmandu Forestry College as a professor, he worked for the International Centre for Integrated Mountain Development (ICIMOD) as the **Program Manager and Country Representative** for Afghanistan, and a **faculty member in AIT**, Thailand. He also taught graduate NRM courses in other reputed universities in south and south-east Asia as a visiting faculty. Intermittently, he has been working as a consultant (national and international). Some of his current or recent international assignments include (i) **Judge, Adaptation at Scale Prize**, IMC Worldwide Ltd., United Kingdom; (ii) **Member, Regional Advisory Committee**, Asia Pacific Forest Carbon Partnership Facility (FCPF) Capacity Building Project on REDD+; (iii) **Lead Author, Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)** for the (a) Regional (Asia-Pacific) and (b) Global Assessment of Biodiversity and Ecosystem Services, and (c) Transformative Change Assessment; (iv) **International Forest and Biodiversity Specialist**, FAO Afghanistan; (v) **Terrestrial Biodiversity Expert (Protected Areas and Forestry)**, Preparation of Nepal's National Biodiversity Strategy and Action Plan (NBSAP; 2024-2030), UNDP and Ministry of Forest and Environment (MOFE), Government of Nepal (GON); and (v) **Technical Reviewer, IUCN World Conservation Congress**, Hawaii 2016. Similarly, some of his recent assignments or projects in Nepal include: (i) **Member, IPBES National Expert Team**; (ii) **Member, REDD Working Group**, MOFE, GON; (iii) **National Consultant**, Designing of Project Document for Facilitating the Pursuit of Sustainable Development Goals in Nepal, UNDP (iv) **Team Leader, Development of NBSAP (2014-2020) and the Fifth National Report to CBD** funded by GEF/UNEP and implemented by Ministry of Forest and Soil Conservation, GON; (v) **Theme Leader, Nature Conservation National Strategic Framework for Sustainable Development** for the National Planning Commission and IUCN Nepal; (vi) **Team Leader, Rapid Assessment of Chitwan-Annapurna Landscape** in Central Nepal for USAID-funded Hariyo Ban Program implemented by WWF Nepal; and (vii) **Consultant, National Capacity Self-Assessment (biodiversity and cross-cutting themes)** for UNDP and the Ministry of Environment, Science and Technology, Government of Nepal (GEF-funded). Earlier, he spent several years with the Government of Nepal as a district level forest manager. He has also worked as the **Principal Investigator** in a Ford Foundation-funded research project and organized and chaired a panel in an international conference in Bali, Indonesia. Dr. Gautam has **published around 65 articles** in refereed international journals, book, an encyclopedia, and proceedings of international conferences and served as a member or chair of seven doctoral and more than 50 masters' theses research advisory

committees in different universities in Thailand, Nepal and India. Since 2004, he is acting as a **peer reviewer for around 35 international scientific journals** published by reputed international publishers, including Elsevier, Springer, and Taylor & Francis, and has been serving as external examiner of doctoral and Masters theses. He is a member of several NRM-related international professional organizations and networks, including the IUCN CEESP, and International Association for the Study of Commons (IASC).

CURRENT PROFESSIONAL ASSOCIATIONS

Chairperson, Board of Directors, Kathmandu Forestry College, Nepal (since January 2026)

Chairperson, Board of Directors, ForestAction Nepal (since October 2025)

Agrobiodiversity Expert – Nepal & Cross-country Watershed Management Expert,

Establishing Baseline for Integrated Climate Adaptation Solutions for the Hindu Kush Himalaya Region (HI-CAS) Project in Bangladesh, Bhutan, and Nepal, IPE Global Limited, New Delhi, India (part-time, since November 2025)

Terrestrial Biodiversity Expert (Protected Areas and Forestry), Preparation of Nepal's National Biodiversity Strategy and Action Plan (NBSAP; 2024-2030), United Nations Development Programme (UNDP) (part-time; since August 2024).

AREAS OF EXPERTISE (KEYWORDS)

Forestry, Forest Ecology

Biodiversity and Ecosystems

Strategic Planning for Natural Resources Management

Community Based Natural Resources Management

Climate Change Mitigation and Adaptation, including REDD+

GIS and Remote Sensing Applications to Natural Resources Management

ACADEMIC BACKGROUND

2002: **Ph.D.** Natural Resources Management. School of Environment, Resources and Development (SERD), Asian Institute of Technology (AIT), Thailand.

1999: M.Sc. Natural Resources Conservation. SERD, AIT, Thailand.

1996: Post Graduate Diploma, Forest Survey. International Institute for Geo-Information Science and Earth Observation, Enschede, The Netherlands.

1985: Diploma (equivalent to M.Sc.), Forestry and Allied Subjects. Indian Forest College, Dehradun.

1981: B.Sc.: Biology, Tribhuvan University, Nepal.

RELEVANT PROFESSIONAL TRAINING

2009: "Life of Project Environmental Compliance and Environmental Sound Design and Management". USAID, Kabul, Afghanistan.

2001: "International Forestry Resources and Institutions Research Methods". Indiana Uni., USA.

2001: "Database Design, Development and Use for Natural Resources Management". Kathmandu University, Nepal (in collaboration with Indiana University, USA).

1997: "Environnemental Impact Assessment". DEVTEC Nepal Pvt. Ltd., Kathmandu, Nepal.

1995: "Project Design and Evaluation in Forestry". Madecor Group of Companies, Asian Institute of Developmental Studies, Inc., Los Banos, Philippines.

1995: "Participatory Rural Appraisal". Agricultural Projects Services Centre, Kathmandu, Nepal.

1994: "Development Administration". Nepal Administrative Staff College, Lalitpur, Nepal.

PREVIOUS WORK EXPERIENCE

2014-2023: Professor and Principal - Kathmandu Forestry College, Kathmandu

2012-2014: Professor and Outreach Coordinator - Kathmandu Forestry College, Kathmandu.

2008-2010: Program Manager and Country Representative - International Centre for Integrated Mountain Development (ICIMOD) Afghanistan Country Office, Kabul, Afghanistan.

2003-2006: Faculty - Natural Resources Management, School of Environment, Resources and Development (SERD), Asian Institute of Technology (AIT), Thailand.

2003: Senior Research Associate - SERD, AIT, Thailand.
1985-1999: Forest Officer (including District Forest Officer and Assistant Forest Officer) -
Ministry of Forest and Soil Conservation, Government of Nepal.

SHORT-TERM WORK AND CONSULTANCY EXPERIENCE (SELECTED)

2022 and 2025: **International Forest and Biodiversity Specialist**, FAO Afghanistan.
2021-2024: **Lead Author**, Thematic assessment of the underlying causes of biodiversity loss and determinants of transformative change and options for achieving the 2050 Vision for Biodiversity (transformative change assessment), Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES <http://ipbes.net/>) (voluntary, part-time; since February 2022).
2023: **Team Leader**, Baseline Survey for USAID Biodiversity's Four Conservation Landscapes. USAID Biodiversity (Jal Jangal), Kathmandu.
2022-2025: **Co-Principal Investigator**, "Linking Science to Management: Restoring Community Forests in Nepal" - a three-year project funded by the Darwin Initiative, UK and jointly implemented by ForestAction Nepal (lead), Royal Botanical Garden Edinburgh and a few other local partners.
2021-2022. **Guest Editor**, *Trees, Forests and People* journal (Elsevier) for the special issue "Nature-based solutions for forests and people".
2021-2022: **Regional Expert**, 10 Years of REDD+: Outcomes and Socio-Ecological Impacts on Forests, Carbon, Biodiversity and People, IUFRO-GFEP Follow-up Study - '*Understanding Relationships between Biodiversity, Carbon, Forests and People: The Key to Achieving REDD+ Objectives*'.
2021. **Regional Advisory Committee Member**, Asia Pacific FCPF Capacity Building Project on REDD+. Reviewed and evaluated 11 project proposals for potential funding by the project.
2020: **Biodiversity and Sustainable Forest Management Expert**, Baseline Survey for the Project "Strengthening Capacities for Sustainable Management of Forests, Land and Biodiversity in the Eastern Hills of Nepal" (GoN/GEF/FAO Eastern Hills Project). Centre for Green Economy Development – Nepal.
2019 -2022: **Co-Principal Investigator**, "Uprating Community Forest Management in Nepal: enhancing biodiversity and livelihoods" - a three-year project funded by the Darwin Initiative, UK and jointly implemented by ForestAction Nepal (lead), Royal Botanical Garden Edinburgh and a few other local partners.
2018-2019: **National Consultant**, Designing of Project Document for Facilitating the Pursuit of Sustainable Development Goals in Nepal. UNDP Nepal.
2017-2019: **Lead Author**, Global Assessment of Biodiversity and Ecosystem Services (deliverable 2c), Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES; <http://ipbes.net/>).
2016-2018: **Lead Author**, Regional Assessment of Biodiversity and Ecosystem Services for Asia and the Pacific (deliverable 2b). Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES; <http://ipbes.net/>).
2016: **Judge**, *Adaptation at Scale Prize*, IMC Worldwide Ltd., 64-68 London Road, Redhill Surrey RH1 1LG. United Kingdom.
2015-2016 (November-April): **Team Leader**, Development of Country Program Strategy of GEF Small Grants Program Nepal for Operation Phase 6, GEF-SGP Nepal Country Program Office, Kathmandu.
2014-2015 (December - April): **International Consultant**, *Development of Management Plan for Kol-e-Hashmat Khan Wetland, Afghanistan*. International Centre for Integrated Mountain Development, and Afghan Ministry of Agriculture, Irrigation and Livestock.
2014-2015: **Theme Leader (Biodiversity and Ecosystems)**, Development of National Strategic Framework for Nature Conservation, Government of Nepal, National Planning Commission and IUCN Nepal (funded by SDC).
2013-2014: **Team Leader**, Development of National Biodiversity Strategy and Action Plan (NBSAP) and the Fifth National Report to CBD, implemented by the Ministry of Forest and Soil Conservation under GEF/UNEP funding.

- 2013 (February-July): **Team Leader**, “Review of benefit sharing mechanism and practices of participatory forest management and cost benefit analysis of community-based REDD+ activities”, CARE Nepal (funded by USAID/Hariyo Ban Program).
- 2012 (April-August): **Team Leader**, “Rapid Assessment of Chitwan-Annapurna Landscape”, Hariyo Ban Program, WWF Nepal (funded by USAID).
- 2008: **Consultant** - Preparation of the “State of the Environment 2008” (green sector, including Agriculture, Forestry, Biodiversity) report for Nepal, Ministry of Environment, Science and Technology, Gov. of Nepal.
- 2007, 2011, and 2012 (for one semester each): **Visiting Faculty**, Natural Resources Management, School of Environment, Resources and Development (SERD), Asian Institute of Technology (AIT), Thailand (see below for courses taught).
- 2007-2008: **National Consultant** - National Capacity Self-Assessment for Global Environmental Management (Biodiversity and Cross-cutting themes) Project, Ministry of Environment, Science and Technology, Gov. of Nepal and UNDP-GEF.
- 2007: **Team Leader** - Chitwan District Forestry Sector Plan preparation project, Biodiversity Sector Program for Siwaliks and Terai, MFSC, Gov. of Nepal and SNV.
- 2006-2007: **Visiting Faculty** – Human and Natural Resources Study Center, Kathmandu University
- 2005, 2006 and 2007: **International Consultant** - Quality Evaluation of Agarwood Plantations in Kabinburi, Thailand, Touchwood Forestry Co., Ltd.
- 2005 and 2006: **Visiting Faculty** – Andalas University, Sumatra, Indonesia.

COURSES TAUGHT (SELECTED)

Graduate Level (MSc and PhD)

- *Forest Governance and Community Forestry*. Kathmandu Forestry College (KAFCOL), Nepal: 2017, 2019, 2022, 2023, 2024.
- *Research Methodology*. KAFCOL, Nepal: 2017, 2019, 2022, 2023, 2024, 2025, 2026.
- *Ecological Principles for Natural Resources Management* (Asian Institute of Technology [AIT]: 2004, 2007, 2011, 2012; Andalas University, Indonesia : 2005, 2006)
- *Biodiversity and Conservation* (AIT: 2011); *Forestry* (AIT: 2007)
- *Forestry and Wildlife Management* (Kathmandu University [KU]: 2006-2007)
- *Research Methods* (KU: 2006-2007)
- *Society and Natural Resources Management* (AIT: 2004, 2005)
- *Biodiversity Conservation: Policy, Planning and Management* (AIT: 2004)
- *Research Design for Natural Resources Management* (AIT, and Andalas Uni.: 2005, 2006)
- *Integrated Watershed Dev. and Mgt - Principles and Concepts* (AIT: joint teaching, 2003)

Undergraduate Level (BSc)

- *Research Methodology for Forestry*. KAFCOL, Nepal, 2013 to 2026.

GRADUATE RESEARCH SUPERVISION

Doctoral:

- Ranabhat, Sunita (2024-ongoing; Thesis Committee Member). *Post-agricultural vegetation recovery, ecosystem services and environmental suitability of agroforest/forest species in the transitioning landscape of the Nepal Middle Hills*. University of Helsinki, Faculty of Agriculture and Forestry, Finland.
- Guragain, Binita (2024-ongoing; Thesis Committee Member). *Livelihood Resilience Capacity of Left Behind, Reutilization of Abandoned Farmland and its Financial Returns in the context of Agrarian Change in Middle Hills of Nepal*. University of Helsinki, Faculty of Agriculture and Forestry, Finland.
- Bhujel, Krishna (2022; Co-Advisor). *Fire-induced Carbon Emission from Tropical Mixed Broadleaf Forest of Nepal*. Central Department of Environmental Science, Tribhuvan University, Nepal.
- Thiha (2007; Committee Member). *Land Use/Land Cover Change and their Determinants in a Central Vietnamese District*. Asian Institute of Technology (AIT), Thailand.

- Kabir, Md. Enamul (2007; Committee Member). *Biology and Management of Homegardens in South-Western Bangladesh*. AIT, Thailand.
- Yonariza (2007; Committee Member). *Forest Conservation, Decentralization, and Poverty Reduction: A Study of Barisan I Nature Reserve in West Sumatra, Indonesia*. AIT, Thailand.

Master: around 75 students, including in AIT, KU, and Tribhuvan University.

PhD Thesis External Examiner:

- Acharya, Ganesh Raj (2026). Climate change adaptation strategy, livelihood and resilience in community forest user groups: Study from Dang district, Nepal. Institute of Forestry, Tribhuvan University, Nepal.
- Baral, Srijana (2020). Scientific Framing of Community Forestry in Nepal: Changing Power Relationships. Institute of Forestry, Tribhuvan University, Nepal and the University of Copenhagen, Denmark.
- Maria Jose Solis Aulestia (2019). Understanding land use and land cover dynamics in the Chure region of Nepal: Integrating physiographic, socio-economic and policy drivers. The University of Western Australia, Graduate Research School, Stirling Highway Crawley, Australia.
- Sigdel Baral, Bidhya (2014). "Who Benefits? Decentralised Forest Governance through Community Forestry in Nepal". University of Tasmania, Australia.

OTHER RELEVANT PROFESSIONAL EXPERIENCE (SELECTED)

- 2021-ongoing. **National Expert Team Member**, IPBES (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services; <http://ipbes.net/>), Ministry of Forest and Environment (MOFE), Government of Nepal.
2025. **Peer Reviewer** of research proposals. EXPLORE Program, RECOFTC, Thailand.
- 2020: **Panelist**, *COVID 19 and Community Forestry: impacts, responses and long term strategies*, at a Webinar organized by the ForestAction Nepal on 03 May.
- 2019 -2022: **Supervisor of Post-Doctoral Research Fellows** and KAFCOL Focal Person, "Boreal & Temperate Primary Forest Research Case Study: Nepal Red Panda Case Study" - a three-year project implemented jointly by Griffith University, Australia (lead), the Red Panda Network, KAFCOL, and University of Southern Queensland, Australia.
- 2019-2022: **Editorial Board Member**, *Journal of Forest and Livelihoods*.
- 2018: **Peer Reviewer**, for the Geography and Spatial Sciences (GSS) Program at the U.S. National Science Foundation (NSF), of the proposal "Sustainability of Nepal's Community Forestry" submitted by the University of North Carolina at Chapel Hill.
- 2018: **Reviewer**, for University Grants Commission, Nepal of a proposal for faculty research Grant.
- 2018: **Keynote Speaker**, *Institutional Initiatives and Challenges in the Governance and Management of Biodiversity and Ecosystem Services in Asia*, delivered in the Asia Regional Biennial IASC Meeting of the International Association for the Study of Commons (IASC) held during 13-16 July 2018 at the Asian Institute of Technology, Thailand.
- 2018: **Panelist**, *Community Forests, Development, and Sustainability* workshop organized by Forest Action Nepal and University of Michigan USA on 23 May 2018 at Hotel Himalaya, Lalitpur.
- 2016-2019. **Member**, REDD Working Group, Ministry of Forest and Environment, Government of Nepal.
- 2016: **Panelist**, for the theme *Incentives and Mechanisms for conservation of Biodiversity and Ecosystem Services*, in the international conference on "Sustainable Forest Management Certification for Resilient Ecosystems" organized by the Asia Network for Sustainable Agriculture and Bioresources (ANSAB) in Kathmandu during November 24-25, 2016.
- 2016: **Keynote Speaker**, National Community Forestry Day 2016 (8Aug), Organized by Department of Forests, Government of Nepal in Kathmandu.
- 2015: **Technical Reviewer**, IUCN World Conservation Congress, Hawaii 2016
- 2006-2007: **Principal Investigator** for a research project aimed at understanding forest-people

- interactions and their outcomes in Nepal. The research was funded by the Ford Foundation through the International Forestry Resources and Institutions research network coordinated by the University of Michigan, USA.
- 2006: **Panel Chair**, “Innovative Methodology and Analytical Tools in Forestry Research” at the 11th biennial conference of the “International Association for the Study of Common Property” held in Bali, Indonesia during 19-23 June 2006.
- 2005: **Coordinator**, international training program (two-month long) on *International Forestry Resources and Institutions* research methods at AIT.
- 2001: **Visiting Scholar** - Workshop in Political Theory and Policy Analysis, Indiana Uni., USA.
- 2001/2011 : Participant – M.Sc./Ph.D. Curriculum Dev. Workshop, Institute of Forestry, Nepal.
- 1997: Member - Technical Committee on Non-wood Forest Products, Ministry of Forests and Soil Conservation, Kathmandu.
- 1991: Member - *Churia* Forestry Project Planning Taskforce, Government of Nepal /GTZ.

SELECTED REFERRED PUBLICATIONS

Journal Articles and Book Chapters

- Neupane, B., **Gautam, A. P.**, Schmidt-Vogt, D., Hogarth, N. and Webb, W., 2025. Night lighting and guard dogs reduce livestock depredation risk: evidence for mitigating human-wildlife conflict from Nepal, *Conservation Letters*;18:e13159
<https://doi.org/10.1111/conl.13159>
- Bhattarai, D., Lamichhane, S., Regmi, A., Joshi, K., Pandeya, P., Dhimi, B., **Gautam, A. P.** and Adhikari, H. (accepted). Impact of Invasive Alien Plants on overall floral diversity in Koshi Tappu Wildlife Reserve, Nepal, *Ecology and Evolution*.
- Luintel, H., **Gautam, A. P.**, Poudyal, B. H., Baral, S., Wagle, B. H., Maharjan, M. and Paudel, A., 2025. Restoring forest ecosystems?: Impact of community forestry on biodiversity, restoration, and ecosystem services. *In: Ojha, H., Shrestha, K.K., Paudel, N.S., Karki, R., Khatri, D., Baral, S., Banjade, M.R., & Nuberg, I. (Eds.). (2025). Restoring Forests and Improving Livelihoods in Nepal: Four Decades of Community Forestry (1st ed.)*. Routledge. <https://doi.org/10.4324/9781032705613>
- Neupane, B., Jamaludin, J., **Gautam, A.P.** et al. Balancing act: navigating increasing human-wildlife conflict amidst megafauna recovery in the tropical lowlands of Nepal. *Sci Rep* **15**, 31201 (2025). <https://doi.org/10.1038/s41598-025-16707-w>
- Dahal, K., Talchabhadel, R., Pradhan, P., Parajuli, S., Shrestha, D., Chhetri, R., **Gautam, A.P.**, Tamrakar, R., Gurung, S., Kumar, S., 2025. Nepal's carbon stock and biodiversity are under threat from climate change exacerbated forest fires, *Information Geography*,
<https://doi.org/10.1016/j.infgeo.2025.100003>
- Budhathoki, A., **Gautam, A. P.** and Mandal, R. A., 2023. Spatial analysis of forest cover and quality dynamics of Jalthal forest in the Jhapa district, Nepal. *Scandinavian Journal of Forest Research*, <https://doi.org/10.1080/02827581.2023.2210846> (published online on 22 may 2023).
- Shrestha A., Karki, S., Koju U., Maraseni T., **Gautam, A. P.**, Cadman T. and 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, DOI: 10.1080/26395916.2022.2121762.
- Parajuli, A., **Gautam, A. P.**, Sharma, S. P., Lamichhane, P., Sharma, G., Bist, B. S., Aryal, U., and Basnet, R. 2022. A Strategy for involving community forest managers in effective forest fire management in Nepal. *Banko Janakari*, 32(1): 41–51.
<https://www.nepjol.info/index.php/BANKO/article/view/45476>
- Lamichhane, S., Bhattarai, D., Karki, J. B., **Gautam, A. P.**, Pandeya, P., Tirpathi, S., & Mahat, N. (2021). Population status, habitat occupancy and conservation threats to Mugger crocodile (*Crocodylus palustris*) in Ghodaghodi lake complex, Nepal. *Global Ecology and Conservation*, e01977.
- Sharma, L. N., Tamang, S. R., Poudel, Y. B., Subba, A., Timsina, S., Adhikari, B., Shrestha, H.,

- Gautam, A. P.**, Kandel, D. R., Watson, M. F. and Paudel, N. S., 2021. Biodiversity beyond Protected Areas: Gaps and Opportunities in Community Forest. *Journal of Forest and Livelihood*, 20 (1): 45-61.
- Bhujel, K. B., Byanju, R. M. and **Gautam, A. P.**, Sapkota, R. P. and Khadka, U. R. 2021. Fire-induced carbon emissions from tropical mixed broad-leaved forests of the Terai–Siwalik region, central Nepal. *J. For. Res.* 32:2557–2565 <https://doi.org/10.1007/s11676-020-01256-6>
- Visseren-Hamakers, I., Razzaque, J., McElwee, P., Turnhout, E., Kelemen, E., Rusch, G. M., Fernandez-Llamazares, A., Chan, I., Lim, M., Islar, M., **Gautam, A. P.**, Williams, M., Mungatana, E., Karim, M. S., Muradian, R., Gerber L., Lui, G., Liu, J., Spanjenberg, J. H. and Zaleski, D. (2021). Transformative governance of biodiversity: insights for sustainable development. *Current Opinion in Environmental Sustainability*, 53, 20-28. <https://doi.org/10.1016/j.cosust.2021.06.002>.
- Karki, S., Maraseni, T., Mackey, B., Bista, D., Lama, S.T., **Gautam, A. P.**, Sherpa, A. P., Koju, U., Shrestha, A. and Cadman, T., 2021. Reaching over the gap: A review of trends in and status of red panda research over 193 years (1827–2020). *Science of the Total Environment*, 781 (2021), 146659. <https://doi.org/10.1016/j.scitotenv.2021.146659> 0048-9697/.
- Sapkota, R. P., Rijal, K., Stahlb, P. D., Pyakurel, B. and **Gautam, A. P.** 2021. Evidences of homogenization in species assemblages of restored mixed *Shorea robusta* forest stands of Nepal. *Global Ecology and Conservation*, 27 (2021), e01573.
- Pradhan, P., Subedi, D. R., Khatiwada, D., Joshi, K. K., Kafle, S., Chhetri, R. P., **Gautam, A. P.**, .. Bhuju, D. et al. (2021). The COVID-19 pandemic not only poses challenges, but also opens opportunities for sustainable transformation. *Earth's Future*, 9, e2021EF001996. <https://doi.org/10.1029/2021EF001996>
- Parajuli, A., **Gautam, A. P.**, Sharma, S., Bhujel, K. B., Sharma, G., Thapa, P. B., Bist, B. S. and Poudel, S. 2020. Forest fire risk mapping using GIS and remote sensing in two major landscapes of Nepal. *Geomatics, Natural Hazards and Risk*, 11(1): 2569-2586. <https://www.tandfonline.com/doi/full/10.1080/19475705.2020.1853251>
- Razzaque, J., Visseren-Hamakers, I., **Gautam, A. P.**, Gerber L., Islar, M., Karim, M. S., Kelemen, E., Liu, J., Lui, G., McElwee, P., Mohammed, A., Mungatana, E., Muradian, R., Rusch, G. M., Turnhout, E. and Williams, M. (2019). IPBES Global Assessment Report on Biodiversity and Ecosystem Services *Chapter 6. Options for Decision Makers*. In: IPBES (2019), Global assessment report of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Brondizio, E. S., Settele, J., Díaz, S., Ngo, H. T. (eds). IPBES secretariat, Bonn, Germany. 1144 pages. ISBN: 978-3-947851-20-1.
- Baral, S., **Gautam, A. P.** and Vacik, H. 2018. Ecological and economical sustainability assessment of community forest management in Nepal: A reality check. *Journal of Sustainable Forestry*, 1-22. ISSN: 1054-9811 (Print) 1540-756X (Online), <https://doi.org/10.1080/10549811.2018.1490188>.
- Davies, K., Rajvanshi, A., Youn, Y.-C., Choe, J. C., Choi, A., Cooney, R., Dhyani, S., Fisher, J., **Gautam, A. P.**, Ichikawa, K., Jamil Husain, H., Jyothis, S., Kolahi, M., Kusrini, M. D., Masoodi, A., Onishi, Y., Park, S., Sandhu, H., Togtokh, C., Al-Assaf, A. Chapter 2: Nature's contributions to people and quality of life. In IPBES (2018): The IPBES regional assessment report on biodiversity and ecosystem services for Asia and the Pacific. Karki, M., Senaratna Sellamuttu, S., Okayasu, S., Suzuki, W. (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Bonn, Germany, pp. 67-174.
- Kandel, P., **Gautam, A. P.**, Shanawaz, S. and Thani, P. R. 2018. Suitable site selection for plantation of olive by using multi-criteria analysis along with GIS in ten mountainous districts of Northwestern Nepal. *International Journal of Earth Sciences*, 6(6): 1-8.
- Bhujel, K. B., Byanju, R. M., **Gautam, A. P.** and Mandal, R. A. 2018. Wildfire Dynamics and Occasional Precipitation during Active Fire Season in Tropical Lowland of Nepal. *Environment and Natural Resources Journal*, 16(1): 1-8.
- Bhujel, K. B., Byanju, R. M. and **Gautam, A. P.** 2018. Wildfire Dynamics and its Effects on the Forest Resources and Public Property in Nepal. *Journal of Institute of Science and Technology*, 23:61-68. ISSN: 2469-9062 (print), 2467-9240 (e).

- Bhujel, K. B., Byanju, R. M., **Gautam, A. P.** and Mandal, R. A. 2017. Effect of climatic variables on fire incidence and burnt area in tropical forests in Nepal. *e-planet* 15 (1): 19-26.
- Bhujel, K. B., Byanju, R. M. and **Gautam, A. P.** 2017. Wildfire Dynamics in Nepal from 2000-2016. *Nep J Environ Sci*, 5, 1-8. ISSN 2350-8647 (Print) 2542-2901 (Online).
- Neupane, K., **Gautam, A. P.** and Regmi, A. 2017. Trends of land cover change in a key biological corridor in Central Nepal. *Asian Journal of Forestry*, 1(2): 50-55.
- Shrestha, U., Dhital, K. R. and **Gautam, A. P.** 2017. Economic dependence of mountain communities on Chinese caterpillar fungus (Yarsagumba): A case from western Nepal. *Oryx*, 1-9. doi:10.1017/S0030605317000461
- Somlai, I. G., Karakatsoulis, J., Gardner, W., **Gautam, A. P.**, Sharma, S. P. and Adhikari, B. 2017. Forest Governance in Nepal: Rationale for Centralised Forest and Wildfire Management. *Journal of Management and Development Studies*, 28:14-30.
- Gautam, A. P.**, Bhujel, K. B. and Chhetri, R. 2017. Political Economy of Forest Tenure Reform Implementation in Nepal: The Case of Protected Forests. *Journal of Forest and Livelihood*, 15(1): 71-86.
- KC, J.K. and **Gautam, A. P.** 2016. Impact of roads on biodiversity: a case study from Karekhola rural road in Surkhet district of Nepal. *Banko Janakari* 26 (1): 70–77.
- Shivakoti, G. P., Karna, B., **Gautam, A. P.** and Inoue, M., 2015. Nepal: Evaluating different forest management regimes. In Inoue, M. and Shivakoti, G. P. (eds.). *Multi-level Forest Governance in Asia: Concepts, Challenges and the Way Forward*, Sage India.
- Gautam, A. P.** 2013. Natural Resource Management: Ecological Principles. In Jha, P. K., Neupane, F. P., Shrestha, M. L. and Khanal, I. P. (eds.), *Environment and Natural Resources* (Nepalpedia Series No. 1). Nepal Academy of Science and Technology, Khumaltar, Lalitpur, Nepal.
- Gautam, A. P.** 2009. Equity and Livelihoods in Nepal's Community Forestry. *International Journal of Social Forestry* 2(2): 101-122.
- Gautam, A. P.** and Shivakoti, G. P., 2008. Evolution, impacts and challenges of community based forestry programs in Nepal, In Webb, E. L. and Shivakoti, G. P. (eds.), *Decentralization, Forests and Rural Communities: Policy Outcomes in South and Southeast Asia*, Sage India.
- Gautam, A. P.**, 2007. Group size, heterogeneity, and collective action outcomes: Some evidence from community based forestry in Nepal. *Int. Journal of Sust. Dev. & World Ecology* 14: 574-583.
- Gautam, A. P.**, 2007. "Biodiversity". In Robbins, P. (ed.), *Encyclopedia of Environment and Society*, p. 118-121. Thousand Oaks, CA: Sage Publications.
- Gautam, A. P.**, 2007. "Coral Reefs". In Robbins, P. (ed.), *Encyclopedia of Environment and Society*, p. 368-369. Thousand Oaks, CA: Sage Publications.
- Gautam, A. P.**, 2007. "Succession". In Robbins, P. (ed.), *Encyclopedia of Environment and Society*, p. 1672-1673. Thousand Oaks, CA: Sage Publications.
- Gautam, A. P.**, 2006. Combining geomatics and conventional methods for monitoring forest conditions under different governance arrangements. *J. of Mountain Science* 3(4): 325-333.
- Gautam, A. P.** and Shivakoti, G. P. 2005. Conditions for successful local collective action in forestry: Some evidence from the hills of Nepal. *Society and Natural Resources* 18(2): 153-171.
- Gautam, A. P.**, 2005. Forest Land-Use Dynamics and Community-Based Institutions in a Mountain Watershed in Nepal: Implications for Forest Governance and Management In Zebisch, M., Cho, K. M., Hein, S. and Mowla, R. (eds.), *Integrated Watershed Management: Studies and experiences from Asia*. Asian Institute of Technology, Thailand (published online at: <http://krlib.cs.ait.ac.th/Greenstone/cgi-bin/library.exe>).
- Gautam, A. P.**, Shivakoti, G. P. and Webb, E. L. 2004. A review of forest policies, institutions, and changes in the resource condition in Nepal. *International Forestry Review* 6(2): 136-148.
- Gautam, A. P.**, Shivakoti, G. P. and Webb, E. L. 2004. Forest cover change, physiography, local economy and institutions in a mountain watershed in Nepal. *Environmental Management* 33(1): 48-61.

- Gautam, A. P.**, Webb, E. L., Shivakoti, G. P. and Zoebisch, M. A., 2003. Land use dynamics and landscape change pattern in a mountain watershed in Nepal. *Agriculture, Ecosystems & Environment* 99: 83-96.
- Gautam, A. P.**, Webb, E. L. and Eiumnoh, A., 2002. GIS assessment of land use-land cover changes associated with community forestry implementation in the Middle Hills of Nepal. *Mountain Research and Development* 22(1): 63-69.
- Gautam, A. P.**, Webb, E. L. and Shivakoti, G. P. 2002. Local participants' perception about socio-economic and environmental impacts of community forestry in the Middle Hills of Nepal. *Asia-Pacific Journal of Rural Development* 12(2): 60-81.
- Gautam, A. P.** and Webb, E. L. 2001. Species diversity and forest structure of pine plantations in the Middle Hills of Nepal. *Banko Jankari* 11(2): 13-21.
- Webb, E.L. and **Gautam, A.P.** 2001. Effects of community forest management on the structure and diversity of a successional broadleaf forest in Nepal. *Int. Forestry Review* 3(2): 146-157.

Proceedings of International Conferences and Scientific Reports

- Gautam, A. P.**, Thapa, B. R., Pandit, B. H., Dhungana, B. M., Tiwari, K. R., Neupane, M. P., Balla, M. K., Joshi, M. R. and Sharma, U. R., 2013. Chitwan-Annapurna Landscape: A Rapid Assessment. WWF Nepal, Hariyo Ban Program, Kathmandu, Nepal.
- Gautam, A. P.**, 2013. Chiwan-Annapurna Landscape: Drivers of Deforestation and Forest Degradation. WWF Nepal, Hariyo Ban Program, Kathmandu, Nepal.
- Gautam, A. P.**, Karmacharya, M. B. and Karna, B. K., 2008. Community Forestry, Equity and Sustainable Livelihoods in Nepal. *In Proceedings of the 12th Biennial Conference of the International Association for the Study of the Commons (IASC) held during 14-18 July 2008 in Uni. of Gloucestershire, Cheltenham, England.*
- Gautam, A. P.** 2006. Integrating spatial technology, local knowledge, and conventional methods in forestry research, *In Proceedings of the 11th Biennial Conference of the IASC held during 19-23 June in Bali, Indonesia.*
- Gautam, A. P.**, 2006. Combining Geomatics and Conventional Methods for Monitoring Forest Conditions and Analyzing their Associations with Governance Parameters, *In Proceedings of the International Symposium "Towards Sustainable Livelihoods and Ecosystems in Mountainous Regions" 7-9 March 2006, Chiang Mai, Thailand.*
- Gautam, A. P.** and Shivakoti, G. P. 2004. Evolution and impacts of community based forest management in the hills of Nepal. *In Proceedings of the Tenth Biennial Conference on the International Association for the Study of Common Property (IASCP) held during 9-13 August in Oaxaca, Mexico.*
- Gautam, A. P.**, Webb, E. L., Shivakoti, G. P. and Zoebisch, M. A. 2002. Land use change and patterns of forest fragmentation in a mountain watershed in Nepal. *In Proceedings of the International Workshop "Map Asia 2002: Asian Conference on GIS, GPS, Aerial Photography and Remote Sensing" held during 7-9 August 2002 in Bangkok, Thailand.*
- Gautam, A. P.**, Shivakoti, G. P. and Webb, E. L. 2002. Forest dynamics, physiography, local economy and institutions in a mountain watershed in Nepal. *In Proceedings of the Biennial Meeting of the International Forestry Resources and Institutions Research Network held during 23-28 June in Nairobi, Kenya.*

MANUSCRIPTS REVIEWS FOR INTERNATIONAL REFERRED JOURNALS (Selected)

- Springer Nature (2025), F1000Research (2025)*
Journal for Nature Conservation (2025, 2026)
Trees, Forests and People (2025, 2026),
Academia (2025),
Journal of Applied Life Sciences and Environment (2025),
American Journal of Engineering and Applied Sciences (2024)
Scandinavian Journal of Forest Research (2024)
Scientifica (Wiley; 2024); Ethnobotany Research and Applications (2024)
Discover Sustainability (2024)
World Development Perspectives (Elsevier; 2023, 2024)

International Journal of Disaster Risk Reduction (2023)
Ecology and Evolution (2022, 2023); *Policy Matters* (IUCN CEESP) (2022); *SAGE Open* (2022)
Euro-Mediterranean Conference for Environmental Integration (2022)
Trees, Forest and People (2021); *Scientific Reports* (2021)
Journal of TFP (Trees, Forests and People) (2021)
Environmental Challenges (2021)
Mountain Research and Development (2006, 2008, 2011, 2015; 2017; 2024)
Agriculture, Ecosystems & Environment (Elsevier; 2008, 2016); *SAGE Open* (2016)
Forest Ecosystems (2016); *Ecosystem Services* (2016); *Small-scale Forestry* (2016)
Ecology and Society (2015); *Biodiversity and Conservation* (2014, 2015)
Journal of Sustainable Forestry (2014, 2015)
Environmental Management (Springer; 2004, 2005, 2007, 2010, 2011, 2014)
Society & Natural Resources (Taylor & Francis; 2005, 2006, 2014)
Conservation and Society (2014); *Journal of Environmental Management* (Elsevier; 2005, 2012, 2013); *Journal of Agricultural Economics and Development* (2013)
Journal of Geography and Regional Planning (2012); *International Forestry Review* (2011, 2012)
Journal of Geography and Regional Planning (2011, 2012); *Herald Journal of Education and General Studies* (2012); *Journal of Ecology and the Natural Environment* (2011)
Journal of Agricultural Biotechnology and Sustainable Development (2011)
International Journal of Peace and Development Studies (2010); *African Journal of Agricultural Research* (2010); *Environment and History* (2010); *Forest Ecology and Management* (Elsevier; 2007, 2008, 2009); *Human Ecology Review* (Michigan State University; 2006)
PEDOSPHERE (Science Press, Beijing, China; 2005, 2006)
Journal of Applied Geography (Elsevier; 2005); *Journal of Environmental Quality* (2005)

GRANTS AND AWARDS RECEIVED

2006. Ford Foundation research grant to study forest people interactions and their outcomes in Nepal (via the IFRI research network)
2003: MacArthur Foundation post-doctoral research grant (via Workshop in Political Theory and Policy Analysis, Indiana University, USA)
2000-2002: DANIDA scholarship for Ph.D., AIT, Thailand
2001. MacArthur Foundation visiting scholarship, Workshop in Political Theory and Policy Analysis, Indiana University, USA
1998-1999: Japanese Government Scholarship for M. Sc., AIT, Thailand
1995-1996: Netherlands Government Scholarship for PG Diploma, ITC, the Netherlands.
1995: USAID International Training Fellowship, Asian Inst. of Dev. Studies, Philippines.
1983-1985: Colombo Plan Int. Student Scholarship for Diploma, Indian Forest College, India.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Member, IUCN Commission on Environmental, Economic and Social Policy (CEESP), (2010 – continuing).
Member, Researcher and Instructor, International Forestry Resources and Institutions Research Network coordinated by the University of Michigan, USA (2001-continuing).
Member, International Association for the Study of Commons (2004-continuing)
Life Member, Nepal Foresters' Association
Member, Mountain Forum

OTHER ACHIEVEMENTS

Included in the *Marquis' Who's Who in the World, 23rd Edition, 2006* as recognition of “demonstrated outstanding achievement” thereby “contributing significantly to the betterment of contemporary society”.