



Amul Kumar Acharya

RESEARCH/REMOTE SENSING OFFICER

Kathmandu, Nepal

+977 9851184438 | acharya.amulkumar@gmail.com | 0000-0002-3638-6692 | [acharyaamul](#) | [in](#)
Amulkumar Acharya | [pricelessamul](#)

I have been working as Research/Remote Sensing Officer for ten years at Forest Reserch and Training Centre, Nepal. I have a deep driven passion for application of Remote sensing and GIS techniques in Forestry sector. I have prepared this CV using Rmarkdown.

Employment

Remote Sensing/Research Officer

Babarmahal, Kathmadu

FOREST RESEARCH AND TRAINING CENTRE

July 2013 -> Present

- Develop research protocols and conduct forest research
- Conduct forest inventory and data analysis
- Make and update National Land Cover Monitoring System of Nepal
- prepare Activity data (Forest Degradation and Deforestation) for REDD plus program using Remote Sensing and GIS techniques
- Facilitate on training program for the Forestry Professional
- Supervise the Bachelors and Masters students of Forestry for their project work

Ranger

Makawanpur, Nepal

DISTRICT FOREST OFFICER (DEPARTMENT OF FOREST)

November 2010 -> July 2013

- Conservation and Management of Forest Resources
- Assist on preparation and revision of Forest Management Plan of Community Forests and Leasehold Forests
- Facilitate on trainings and workshops related to Forest Management, Non Timber Forest Products (NTFPs), Climate Change and Gender issues in Community Forest User Groups and Leasehold Forest User Groups
- Assist on Nursery establishment, seedling production & plantations
- Support District Forest Officer for planning and monitoring of development activities conducted by Range post staffs

Consultant Ranger

Makawanpur, Nepal

FEDERATION OF COMMUNITY FORESTRY USERS, NEPAL (FECOFUN)

January 2002 -> July 2005

- Assist on Forest user group formation
- Assist on preparation and revision of Operation Plan of Community Forest
- Identify and empower women and disadvantage groups
- Facilitation on training and workshops related to Community Forestry

Education

M.Sc. in Forest Sciences and Forest Ecology

Goettingen, Germany

GEORGE AUGUST UNIVERSITY

2017 -> 2019

Bachelors' Degree in Forestry

Hetauda, Nepal

TRIBHUWAN UNIVERSITY

2005 -> 2009

Technical Certificate in Forestry

Hetauda, Nepal

TRIBHUWAN UNIVERSITY

1999 -> 2001

Skills

Programming Languages

R, PYTHON, JAVASCRIPT

Markup Languages

RMARKDOWN, MARKDOWN

Text Editors

RSTUDIO, JUPYTER NOTEBOOK, GOOGLE COLAB, VISUAL STUDIO CODE

Remote Sensing/GIS

QGIS, GOOGLE EARTH ENGINE, SNAP, CLOUDCOMPARE, FUSION, LASTOOLS, ARCGIS, ARCGIS PRO, ERDAS

Others

MS OFFICE(EXCEL, OUTLOOK, POWERBI, POWERPOINT,WORD),SPSS,ZOTERO ETC.

SCHOLARSHIPS/AWARDS

DAAD

DAAD SCHOLARSHIP FOR MASTER'S DEGREE

George August University, Germany

2017

Government Of Nepal

SCHOLARSHIP FOR BSC FORESTRY

Tribhuvan University, Nepal

2005

Trainings

Certified Lean Six Sigma Green Belt

Certified Lean Six Sigma White Belt

Microsoft Software

VARIOUS APPLICATIONS

- Microsoft Excel - 112
- Microsoft Word - 22
- Microsoft Outlook - 21
- Microsoft Power Point - 18
- Share Point - 9
- Microsoft Project - 6
- Microsoft Access - 3
- Microsoft Power BI - 3

Publications

1. Acharya, A. K., Chaudhary, A. K., & Khanal, S. (2016). Identification of land reclamation area and potential plantation area on Bagmati river-basin in the Terai region of Nepal. *Banko Janakari*, 26(1), 53–59. <https://doi.org/10.3126/banko.v26i1.15502>
2. Ayer, S., Timilsina, S., Aryal, A., Acharya, A. K., Neupane, A., & Bhatta, K. P. (2023). Bamboo forests in Nepal: Status, distribution, research trends and contribution to local livelihoods. *Advances in Bamboo Science*, 4, 100027. <https://doi.org/10.1016/j.bamboo.2023.100027>
3. Chaudhary, A. K., Acharya, A. K., & Khanal, S. (2016). Forest type mapping using object-based classification method in Kapilvastu district, Nepal. *Banko Janakari*, 26(1), 38–44. <https://doi.org/10.3126/banko.v26i1.15500>
4. Bhatta, K. P., Aryal, A., Baral, H., Khanal, S., Acharya, A. K., Phomphakdy, C., & Dorji, R. (2021). Forest Structure and Composition under Contrasting Precipitation Regimes in the High Mountains, Western Nepal. *Sustainability*, 13(13), 7510. <https://doi.org/10.3390/su13137510>
5. Mahatara, D., Acharya, A., Dhakal, B., Sharma, D., Ulak, S., & Paudel, P. (2021). Maxent modelling for habitat suitability of vulnerable tree *Dalbergia latifolia* in Nepal. *Silva Fennica*, 55(4). <https://doi.org/10.14214/sf.10441>

Project

- Assessment of Sustainable Forest Management of Community Forest (A case study of a Sundar Community Forest of Makawanpur District) submitted in partial fulfillment for the award of the degree of Bachelor of Science in Forestry to Tribhuvan University in 2009.
- 3D landscape metrics along the urban-rural gradient in the Bengaluru, India submitted in George August University in 2019 (Master Thesis).

Conference/Workshops

- Participation on ART/TREES Registration Document (TRD) Write-shop held in Thailand, 01-05 August 2023.
- Participation on South-South Exchange on Monitoring and Estimating Emissions from Forest Degradation from 3 to 5 May 2023 at FAO Headquarters, Rome, Italy (Presenter)

- South-South Knowledge Exchange on Measurement, Monitoring, Reporting and Verification systems held in Mozambique, 12-17 December 2022 (Presenter)
- Participation on Forth GFOI Regional Workshop on Biomass Mapping held in Bogor, Indonesia, 05-09 October 2015.
- Participation on “How is Our Work on Participatory Forest Monitoring informing National Forest Monitoring Systems?” Regional Knowledge Exchange Event on Participatory Forest Monitoring held in Lam Dong, Vietnam, 18-20 November 2014 (Participant).
- Participation on Second GFOI Forest Monitoring Workshop - ” SE Asia Technical Initiative” held in Kathmandu, Nepal, 23-28 June, 2014 (Participant)

Networks and Memberships

- Life Member of Nepal Foresters’ Association, Nepal
- Life Member of Makawanpur Forester’s Society

Languages

- Nepali- Mother Tongue
- English- Proficient user
- Hindi- Proficient user
- Deutsch- Independent user

References

Prof. Dr. Christoph Kleinn

*CKleinn@gwdg.de; +49 [0]551
39-33473*

HEAD OF DEPARTMENT; FOREST INVENTORY AND REMOTE SENSING, FACULTY OF FOREST SCIENCES AND FOREST ECOLOGY,
GEORG-AUGUST-UNIVERSITY, GOETTINGEN

Deepak Kumar Kharal, Ph.D

*dkkharal@gmail.com; +977
9841499987*

SECRETARY; MINISTRY OF FORESTS AND ENVIRONMENT, NEPAL

Rajendra KC, Ph.D

*rkc.gen@gmail.com; +977
9851149420*

JOINT-SECRETARY; MINISTRY OF FORESTS AND ENVIRONMENT, NEPAL