
SUMAN ACHARYA

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RESEARCH AND TEACHING INTERESTS

Climate change impacts, adaptation and mitigation, climate resilience, forest-based ecosystem services, forest economics, human-dimensions of natural resources, sustainability, application of GIS and remote sensing in natural resource management, landscape ecology, quantitative and qualitative methods, land use and land cover change analysis.

EDUCATION

Ph.D.	Current since 2018
Anthropology and Environmental Policy Department of Anthropology University of Maine	
Bachelor of Science	2016
Forestry Institute of Forestry Tribhuvan University, Pokhara, Nepal First Class with Distinction	
Technical Certificate Level	2012
Forestry Institute of Forestry Tribhuvan University, Pokhara, Nepal First Class with Distinction	

PEER-REVIEWED PUBLICATIONS

Acharya, S., Rayamajhi, S., Sharma, S., Upadhaya, S., Joshi, S., & Lamichhane, S. (2018). Anthropogenic Threats to Survival of the Critically Endangered Chinese Pangolins (*Manis pentadactyla*) and their Habitat in Kavrepalanchowk. Journal of Biodiversity & Endangered Species 6:3 <https://doi.org/10.4172/2332-2543.1000218>

Sharma, S., & **Acharya, S.** (2018). Human-Rhesus macaque conflict at Pumdivumdi/ Tallokodi, Pokhara, West Nepal. Banko Janakari, 27(2), 46-50.
<https://doi.org/10.3126/banko.v27i2.21222>

REPORTS/THESES

Acharya, S. (2016). Assessment of conservation threats and habitat management of Chinese pangolin (*Manis pentadactyla*) in Balthali VDC of Kavre Nepal.
Advisor: Professor Dr. Santosh Rayamajhi

AWARDS & HONOURS

Sandy and Bobby Ives Research Award	2018
Thurgood Marshall Tuition Scholarship	Academic Year 2018-2019
BSc Research Grant from National Trust for Nature Conservation, Nepal	2015
BSc Forestry Tuition Scholarship (Government of Nepal)	2012-2016
ISC Forestry Tuition Scholarship (Government of Nepal)	2010-2012

RESEARCH EXPERIENCE

Field Research Assistant

Impact of Climate change on Wetland dependent birds and their habitat (Case study from Bishazari Tal) 2013

Potentials of livelihood improvement through the promotion of Moringa oleifera (LAM) in the private and community land in the Terai region of Nepal. 2014

Study of Mitigation Measures against the Earthquake. 2015

TEACHING EXPERIENCE

Graduate Teaching Assistant

Current

University of Maine

Introduction to Anthropology (ANT 101): Human Origins and Prehistory

- Lecture and manage the class during instructor absence.
- Support students in a regular office hour.
- Assist in management of class, tests and mentoring students.

Graduate Teaching Assistant

2018-2019

University of Maine

Physics for Engineers and Physical Scientists

(4 recitation section, 25 students each)

(4 lab section, 25 students)

- Lectured, mentored students, instructed in lab and graded assignments on the fundamentals of Physics.
- Support students in a regular office hour.

Teacher

Self-Help Environmental Awareness Camp, Pokhara, Nepal

2010-2016

- Coordinated and lectured school level teaching on environment, climate change, wildlife and forestry.
- Assist informal classes to women's groups, farmer's groups and public in lecturing about environment, forestry and climate change issues.

Taught environmental education to students of grades 9 and 10 at Kavre Secondary School.

2015

PROFESSIONAL EXPERIENCES

Employer Organization: Adaptation for Smallholders in Hilly Areas (ASHA) Project Nepal, Ministry of Forests and Environment, Government of Nepal

Funded by: International Fund for Agricultural Development (IFAD)

Position: District Climate Change Specialist

Duration: June 2017 to July 2018

Duties & responsibilities:

- Provide technical advice for ensuring effective implementation of strategies for climate change adaptation, and alignment with activities and policies on climate change in general

- Build coordination and collaborative ownership of stakeholders on climate change initiatives and activities, process, outputs, and outcomes at all levels, particularly in Project districts
- Prepare the participatory data in the assigned project districts to contribute to the preparation of the annual work plan and budget
- Prepare assigned district level trimester performance reports indicating the achievement of work plan targets and corresponding expenditures, as well as knowledge products
- Develop and maintain strategic partnerships and promote networking with IFAD project portfolio stakeholders in the area of climate change adaptation, mitigation and capacity development in assigned Project districts
- Support the district team in the identification, prioritization, and implementation of activities, process, outputs, and outcomes proposed in the LAPA, informed by GIS and
- landscape analysis
- Support in capacity building on CCA targeting participating districts, SCs, AFECs and community groups
- Support IFAD projects knowledge management (KM) Officers to establish and manage a Climate Change-Community of Practice for knowledge sharing on climate change adaptation across the IFAD portfolio, and support the organization of training and workshops for CC adaptation knowledge dissemination to all stakeholders
- Monitor climate change adaptation, maladaptation and mitigation issues across the community and district level Program
- Assist in M&E and KM of LAPA formulation and implementation, with particular attention to CC, GESI, and CCA policy engagement
- Support in the assessment of national as well as project policies and processes, providing recommendations to improve project performance, and to make field implementation practical and effective at the farmer level, for integration into CCA and GESI Curriculum and Enhanced LAPA manual

Employer Organization: Asian Network for Sustainable Agriculture and Bioresources (ANSAB)

Position: Climate Change Officer

Duration: February 2016 to May 2017

Duties & responsibilities:

- Assist in assessing and establishing the baseline value of watershed-level forest carbon stock, calculating forest carbon of individual community forests to support carbon payment.
- Support in program planning and implementation.
- Disseminate information to rural residents on climate change, cause, effects and adaptation ways that can be applied to adopt it.
- Disseminate information on REDD+ among rural residents.
- Conduct trainings and different events related to climate change.

- Preparation of proposal, active participation in field survey, data collection and analysis of collected data.
- Prepare report of different events, trainings and other activities.
- Management in capacity building activities like coordination and collaboration with different partners including governmental, non-governmental, international and private organizations on climate change issues.

Employer Organization: Green Governance Nepal (GGN)

Position: Research Assistant

Duration: Project Basis

Projects accomplished:

- Prime minister Agriculture Modernization Project – “Study on possibility of promotion of agroforestry pocket areas of Jhapa district”.
- District Forest Sector Plan for Bhojpur district.

Employer Organization: Federation of Community Forestry Users Group (FECOFUN), Kavre, Nepal

Position: Field Technical Officer

Duration: February 12, 2013 to December 15, 2015 (During University Vacations)

Duties and Responsibilities:

- Inventory of Community forests
- Preparation of Community forest operational plans.
- Data entry, analysis and documentation of reports.
- Coordination with local organizations to conduct stakeholder workshops.

Employer Organization: Radio Hemja

Position: Environment Journalist

Duration: January 2014 to December 2016 (Part time)

Duties and Responsibilities:

- Collection of news related to environment, forestry, climate change and wildlife.
- Play news related to environment, forestry, climate change and wildlife.

CONFERENCE PRESENTATION

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| Acharya, S. & Sharma, S. (2018). Assessment of conservation threats and habitat management of Chinese pangolin (<i>Manis pentadactyla</i>) in Balthali VDC of Kavre Nepal” on South Asian Conference on Small Mammals “Small Mammals: Sustaining Ecology and Economy in the South Asia”. | 2018 |
| Sharma, S. (2016). Human-Rhesus Macaque conflict in (Pumdivumd/Tallokodi), Pokhara, West Nepal. Seventh National Conference on Science and Technology organized by Nepal Academy of Science and Technology, Kathmandu. | 2016 |

INVITED PRESENTATIONS

Acharya, S. (2018). Local Adaptation Plans for Action (LAPA): climate change adaptation tool in Nepal. Lecture, Ecological Anthropology, University of Maine, USA.

SHORT TERM EXPERIENCES: TRAININGS, SEMINARS & WORKSHOPS

- Six months GIS Course organized by Institute of Forestry (IOF), Pokhara Nepal. February 9 - July 7, 2015.
 - Training of Trainers (ToT) on Climate Change Adaptation and Gender Equality and Social Inclusion Integration organized by Adaptation for Smallholders in Hilly Areas (ASHA) Project, DPCU Rolpa. September 5 – 9, 2017.
 - Coordinated and participated: Participatory Monitoring, Evaluation and Information Management Training organized by Adaptation for Smallholders in Hilly Areas (ASHA) Project, DPCU Dailekh. November 22 – 26, 2017.
 - Coordinated and facilitated: Climate Change Adaptation and Gender Equality and Social Inclusion Capacity Building Training organized by Adaptation for Smallholders in Hilly Areas (ASHA) Project, DPCU Dailekh. March 15 – 18, 2018.
 - Training on use of Statistical Tools in scientific research by Institute of Forestry (IOF), Pokhara Nepal. December 12 – 12, 2015.
 - Training entitled Significance of Statistical Tools in Research Design and Proposal Writing organized by Communication for Conservation (CFC) Nepal. August 4 – 5, 2013.
 - Wildlife Technique Training by Resources Himalaya. October 10 - 11, 2015
 - Coordinated and participated The Students' Training on IEE/EIA Report Writing. March 14 – 24, 2013.
 - Participated on Forest Inventory and Check List establishment, IOF, Pokhara. February 14 – 27, 2013
 - Training workshop on Capacity Building on Climate Change, Carbon Financing and REDD/REDD+ issues by YAE, Nepal. August 29 - September 2, 2015
 - Nepal Climate Convergence. November 18 – 19, 2015
 - Wildlife week programs 2013, 2014 and 2015.
- <https://www.youtube.com/watch?v=qKIOOReDeHo>

NON-PEER REVIEWED PUBLICATIONS

Acharya, S. (2014). Introduction to pangolins in Nepal. Bimba, 20, 69-71. Institute of Forestry, Pokhara, Nepal.

MEDIA

The Kathmandu Post (February 22, 2015) Pains of Pangolin.

<http://kathmandupost.ekantipur.com/printedition/news/2015-02-21/pains-of-the-pangolin.html>

- Radio interviews highlighting the status and need of biodiversity conservation in Nepal in several districts of Nepal.
- <https://www.youtube.com/watch?v=v6E1yNUtbTM>
- <https://www.youtube.com/watch?v=u2ULUqaYSsE&t=494s>

LANGUAGES

Nepali (Native)
English (Fluent)
Hindi (Fluent)

PROFESSIONAL MEMBERSHIPS

President, Self Help Environment Awareness Camp (SHEAC).	2015
Member, Bird Conservation Nepal (BCN).	2010-2016
Member, Bat Friends, Pokhara, Nepal	2010-2016
Member, Society for Wildlife Research and Conservation (SOWREC).	2010-2016
Member, Asian pangolin conservation group, Nepal	2010-2016

PROFESSIONAL SKILLS AND SOFTWARE

Basic ArcGIS, SPSS, GPS, Compass, Map Reading
Microsoft Office and Graphics Packages.

COUNTRIES VISITED

NEPAL, USA, India

COLLABORATORS

University of Maine, USA

- Cinthia Isenhour (Anthropology), Rajeev Bhattarai (School of Forest Resources)

University of Hamburg, Germany

- Prem Raj Neupane (Forestry)

Iowa State University, USA

- Suraj Upadhaya (Natural Resource Ecology and Management)

United States Department of Agriculture (USDA), USA

- Sanjeev Joshi (Agriculture)

Mississippi State University, USA

- Sabhyata Lamichhane (Forestry)

Institute of Forestry, Nepal

- Santosh Rayamajhi (Forestry), Pragya Khanal (Forestry)

Department of Forest, Nepal

- Sonia Sharma (Assistant Forest Officer)

REFERENCES

1) Name: Cinthia Isenhour, PhD

Position: Associate Professor, Department of Anthropology & Climate Change Institute
Cooperating Faculty, School of Economics & Mitchell Center for Sustainability
Solutions, University of Maine

Email: cynthia.isenhour@maine.edu

Phone: 303.807.6515

2) Name: Santosh Rayamajhi, PhD

Position: Professor in Forestry

Chair, Park Recreation & Wildlife Management Subject Committee

Coordinator, SCIFOR Project, Institute of Forestry, Pokhara, Nepal.
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3) Name: Prem Raj Neupane, PhD
Position: Senior Researcher
World Forestry, University of Hamburg, Germany
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Phone: +49 17682581895
Address: Germany