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## EDUCATION

**PhD in Anthropology and Environmental Policy** (3.86 GPA) May 2024(Expected Graduation)  
University of Maine, USA

- Thesis: Reframing Adaptation: A Multilevel Analysis of Collective Action, Power, and Politics of Climate Change Adaptation in Climate Vulnerable Communities

**Graduate Certificate in Interdisciplinary Climate Studies** 2021  
Climate Change Institute  
University of Maine, USA

**Master of Arts in Anthropology and Environmental Policy** (3.86 GPA) 2020  
University of Maine, USA

**Bachelor of Science in Forestry** (78%) 2016  
Institute of Forestry, Tribhuvan University, Nepal

- Major courses: Forest Management and Economics, Forest Ecology, Biodiversity Conservation, Remote Sensing and GIS.

## AWARDS

Travel Award, Anthropology Department, UMaine (\$5,00)	2023
Churchill Exploration Fund, Climate Change Institute, UMaine (\$4,995)	2022
International Travel Grant, Anthropology Department, UMaine (\$1,000)	2022
Graduate Student Government, Degree Related Grant (\$840)	2022
University of Maine, HEERF III Emergency Student Funding (\$1,500)	2022
Chase Distinguished Research Award (\$18,000)	2021
Lambda Alpha Graduate Research Grant Award (\$2,000)	2021
Graduate Student Government, Degree Related Grant (\$798)	2021
University of Maine, HEERF III Emergency Student Funding (\$2,000)	2021
Graduate Student Government (GSG), Emergency Grant (\$1,306)	2021
Student Crisis Fund, Office of International Program, UMaine (\$1,300)	2020
Churchill Exploration Fund, Climate Change Institute, UMaine (\$2,000)	2020
International Travel Grant, Anthropology Department, UMaine (\$800)	2020
Sandy and Bobby Ives Research Award (\$500)	2019
Thurgood Marshall Tuition Scholarship, UMaine (\$20,955)	2018
BSc Research Grant from NTNC, Nepal (NPR. 35,000)	2015
BSc Forestry Tuition Scholarship (Government of Nepal)	2012-2016
ISC Forestry Tuition Scholarship (Government of Nepal)	2010-2012

## Peer Reviewed Publications

- Ranabhat, S., **Acharya, S.**, Upadhaya, S., Adhikari, B., Thapa, R., Ranabhat, S., & Gautam, D. R. (2023). Climate change impacts and adaptation strategies in watershed areas in mid-hills of Nepal. *Journal of Environmental Studies and Sciences*, 1-13. <https://doi.org/10.1007/s13412-023-00817-w>
- Acharya, S.** (2021) Roles of Renewable Energy Technologies in Climate Change Adaptation and Mitigation: A Brief Review from Nepal. *Renewable and Sustainable Energy Reviews*, 151 (2021): 111524. <https://doi.org/10.1016/j.rser.2021.111524> (**Impact Factor 16.8**)
- Adhikari, D., Prasai, R., Lamichhane, S., Gautam, D., Sharma, S., & **Acharya, S.** (2021). Climate Change Impacts and Adaptation Strategies in Trans-Himalaya Region of Nepal. *Journal of Forest and Livelihood*, 20(1).

- Acharya, S.,** Sharma, H.P., Bhattarai, R., Poudyal, B., Sharma, S., & Upadhaya, S. (2021) Distribution and Habitat Preference of Chinese Pangolin (*Manis pentadactyla*) in Mid-Hills of Nepal. *Journal of Threatened Taxa*, 13(8), 18959-18966.  
<https://doi.org/10.11609/jott.3952.13.8.18959-18966>
- Poudyal, B., Upadhaya, S., **Acharya, S.,** & Khanal Chhetri, B. B. (2021). Assessing Socio-Economic Factors Affecting the Implementation of Payment for Ecosystem Services (PES) Mechanism. *World*, 2(1), 81-91. <https://doi.org/10.3390/world2010006>
- Khanal, P., Wagle, B. H., Upadhaya, S., Ghimire, P., & **Acharya, S.** (2020). Perceived Climate Change Impacts and Adaptation Strategy of Indigenous Community (Chepang) in Rural Mid-hills of Nepal. *Forestry: Journal of Institute of Forestry, Nepal*. <https://doi.org/10.3126/forestry.v16i0.28353>
- Lamichhane, S., Aryal, C.M., Karki, J., & **Acharya, S.** (2020) Natural and Anthropogenic Correlates of Habitat Use of Wild Ungulates in Shuklaphanta National Park, Nepal. *Global Ecology and Conservation*. <https://doi.org/10.1016/j.gecco.2020.e01338>
- Ghimire, P., Raut, N., Khanal, P., **Acharya, S.,** & Upadhaya, S. (2020) Species in peril: Assessing the status of Pangolin trade in Nepal. *Journal of Threatened Taxa*. <https://doi.org/10.11609/jott.5698.12.8.15776-15783>
- Bhattarai, R., Sharma, P., Wagle, B., Adhikari, A., & **Acharya, S.** (2020) Revision and Compilation of Health Management Plan of Khair (*Acacia catechu*). *Grassroots Journal of Natural Resources*. <https://doi.org/10.33002/nr2581.6853.03012>
- Sharma, H. P., Rimal, B., Zhang, M., Sharma, S., Poudyal, L. P., Maharjan, S., Kunwar, R., Kaspal, P., Bhandari, N., Baral, L., Dhakal, S., Tripathi, A., Karki, N., Khadki, B., Thapa, P., Acharya, B. K., **Acharya, S.,** Baral, K., & Katuwal, H. B. (2020). Potential Distribution of the Critically Endangered Chinese Pangolin (*Manis pentadactyla*) in Different Land Covers of Nepal: Implications for Conservation. *Sustainability*, 12(3), 1282.  
<https://doi.org/10.3390/su12031282>
- 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>

#### **NON-PEER REVIEWED PUBLICATIONS**

- Acharya, S. (2023).** Renewables and Climate Change in Nepal. The Kathmandu Post.  
<https://kathmandupost.com/columns/2023/03/18/renewables-and-climate-change-in-nepal>
- Acharya, S. (2014).** Introduction to pangolins in Nepal. *Bimba*, 20, 69-71. Institute of Forestry, Pokhara, Nepal.
- Acharya, S. (2015).** Pains of Pangolin. The Kathmandu Post  
<http://kathmandupost.ekantipur.com/printedition/news/2015-02-21/pains-of-the-pangolin.html>

#### **REVIEWERS**

Journal for Nature Conservation (x5)  
Climatic Change (x2)  
Environmental Studies and Sciences (x1)  
Mitigation and Adaptation Strategies for Global change (x2)  
Geo Journal (x1)  
Journal of Animal Diversity (x1)  
Human Ecology (x1)

#### **ACADEMIC ADVISOR & MENTORSHIP**

Undergraduate Thesis Advisor Committee Member (Tribhuvan University, Nepal)

Saru Gahatraj	2021
Ritika Shrestha	2021

#### **WORK EXPERIENCE**

*District Climate Change Specialist, Ministry of Forests and Environment, Nepal* June 2017-July 2018

- Technical advisor for ensuring effective implementation of strategies for climate change adaptation, and alignment with activities and policies on climate change in general.
- Supported national and local policies in recycling and reuse.

- Developed and maintained strategic partnership and promote networking with other stakeholders.
- Promoting Renewable Energy Technologies (RET) in rural households of Nepal for climate change adaptation.
- Involved in planning, designing, and implementation of local adaptation plans of action (LAPA) in 25 local levels in Western Nepal.
- Supported in assessment of national policies and processes by recommending effective at the farmer level, for integration into climate change adaptation across scale.
- Coordinated multiple capacity building trainings on climate change adaptation targeting local governments, community groups, and local organizations.
- Prepared annual work plan and budget.

*Climate Change Officer, Asian Network for Sustainable Agriculture & Bioresources* Feb 2016-May 2017

- Assisted in assessing and establishing the baseline value of watershed-level forest carbon stock and calculating forest carbon of individual community forests to support carbon payment.
- Supported in program planning and implementation.
- Coordinated awareness programs on climate change, causes, effects, and adaptation strategies.
- Disseminated information on Reducing Emissions from Deforestation and Forest Degradation (REDD+) among community forest user groups (CFUGs).

*Research Assistant, Green Governance Nepal*

Project Basis

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

*Instructor in Basic Social Theory in Cultural Anthropology*  
2022

Nov-Dec

*University of Maine*

- Lectured, mentored students, led class discussion, graded assignments.

*Graduate Teaching Assistant, University of Maine*

2018 Aug-Present

- Lectured, mentored students, graded lab reports, supported students in regular office hour.

Courses:

- Anthropology 101: Human Origins and Prehistory
- Anthropology 102: Diversity of Cultures
- Physics 122: Physics for Engineers and Physical Scientists

## **CONFERENCES**

**Acharya, S. (2023).** Bio-Physical and Socio-Political Vulnerabilities: A Case Study from World's One of the Most Climate Vulnerable Regions, Karnali Nepal. Borns Symposium. Climate Change Institute, University of Maine,

**Acharya, S. (2020).** Review on the Roles of Renewable Energy Technologies in Climate Change Adaptation and Mitigation Among Rural Communities of Nepal. International Knowledge Forum. Netherlands Alumni Association of Nepal, Kathmandu Nepal.

**Acharya, S. (2020).** Review on the Roles of Renewable Energy Technologies in Climate Change Adaptation and Mitigation Among Rural Communities of Nepal. Borns Symposium. Climate Change Institute, University of Maine,

**Acharya, S., Mann, A., Mereghetti, A., & Reed, C. (2019).** Changing resources in a changing climate: chronicles of livelihood adaptability in the Gulf of Maine. University of Maine Student Symposium. University of Maine, USA.

**Acharya, S. (2018).** Assessment of conservation threats and habitat management of Chinese pangolin (*Manis pentadactyla*) in Balthali VDC of Kavre Nepal” on South Asian Conference on Small Mammals “Small Mammals: Sustaining Ecology and Economy in the South Asia”.

**Acharya, 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.

## **INVITED PRESENTATIONS**

- Acharya, S. (2023).** Ethnography in Climate Change Study: A Methodological Approach from Nepal. Qualitative Method and Analysis (SOC 654). Northern Arizona University.
- Acharya, S. (2022).** Social Science and Research Method: Ethnography. Presented in the Wildlife Research Techniques training organized by the Friends of Nature, Kathmandu, Nepal.
- Acharya, S. (2022).** Introduction to Climate Change, Impacts, and Adaptation Measures in Nepal. Kabhre Secondary School, Kavre, Nepal.
- Acharya, S. (2021).** Nepal's Forest Management, Conservation, and Livelihood: Pros and Cons. Self Help Environment Awareness Camp (SHEAC), Institute of Forestry, Pokhara, Nepal.
- Acharya, S. (2021).** Drawing a Pathway to the Graduate Studies in the United States of America: A Brief Introduction. Presented in the Wildlife Research Techniques training organized by the Friends of Nature, Kathmandu, Nepal.
- Acharya, S. (2022).** Highlighting Impacts of Climate Change and Adaptation Strategies in High Himalayas of Nepal. Nepal Climate Change Support Program- II, Humla, Nepal.
- Acharya, S. (2021).** Social Understanding of Climate Change Adaptation. Institute of Forestry, Pokhara, Nepal.
- Acharya, S. (2021).** Introduction to Climate Change, Impacts, and Adaptation Measures in Nepal. Kabhre Secondary School, Kavre, Nepal.
- Acharya, S. (2021).** Nepal's Forest Management, Conservation, and Livelihood: Pros and Cons. Conservation Anthropology (ANT 250), University of Maine. September 20, 2021.
- 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>

## **INVITED PRESENTATIONS**

- 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>

## **Professional Memberships**

Member, Lambda Alpha National Anthropology Honor Society  
Member, Himalayan Conservation and Research Institute  
President, Self Help Environment Awareness Camp (SHEAC).  
Member, Bird Conservation Nepal (BCN).  
Member, Bat Friends, Pokhara, Nepal  
Member, Society for Wildlife Research and Conservation (SOWREC).  
Member, Asian pangolin conservation group, Nepal

### ***LANGUAGES***

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

### ***REFERENCES***

- 1) Name: Cynthia Isenhour, PhD (PhD advisor)  
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](mailto:cynthia.isenhour@maine.edu)  
Phone: +01-303.807.6515
- 2) Name: Paul Mayewski, PhD  
Position: Director, Professor, Climate Change Institute, University of Maine  
Email: [paul.mayewski@maine.edu](mailto:paul.mayewski@maine.edu)
- 3) Name: Prem Raj Neupane, PhD  
Position: Senior Researcher, World Forestry, University of Hamburg, Germany  
Email: [prem.raj.neupane@uni-hamburg.de](mailto:prem.raj.neupane@uni-hamburg.de)