

MILAN SHRESTHA

School of Sustainability • Arizona State University
 PO Box 875502 • Tempe, AZ 85287-5502
 +1 (480) 965-7175 • milan.shrestha@asu.edu • <http://milanshrestha.com>

AREAS OF RESEARCH

- Environmental and ecological anthropology
- Land change and fragmentation
- Indigenous sustainability
- Disaster risks
- Mountains
- Geospatial analysis

EDUCATION

- 2007 **Ph.D.** (Environmental and Ecological Anthropology), University of Georgia (UGA). Dissertation: *Smallholders, Mountain Agriculture and Land Change in Lamjung District, Nepal*. Advisor: Robert E. Rhoades
- 2007 **Graduate Certificate Course** in Geographical Information Science, UGA
- 1997 **M.A.** (International Development and Social Change), Clark University. Thesis: *Land-use, Poor People, and Livelihoods in the Middle Hills of Nepal*. Advisor: Barbara Thomas-Slayer
- 1992 **B.Sc. (Ag.)**, Institute of Agricultural and Animal Sciences (IAAS), Tribhuvan University, Nepal.

CAREER

- 2019– *Senior Lecturer*, School of Sustainability, Arizona State University (ASU)
- 2013–2019 *Lecturer (FSC) & Assistant Research Professor*, School of Sustainability, ASU
- 2010–2012 *Faculty Associate*. School of Sustainability, ASU
- 2009–2010 *Postdoctoral Research Fellow*. Central Arizona – Phoenix Long-term Research Project (CAP LETR), Global Institute of Sustainability, ASU
- 2008 *Science & Technology Policy Fellow*. Committee on the Human Dimensions of Global Change, National Academy of Sciences, Washington DC
- 2001–2008 *Graduate Research Associate & Lab Manager*. Lab of Agricultural and Natural Resource Anthropology, Dept. of Anthropology, UGA
- 2000–2007 *Teaching Assistant*, Dept. of Anthropology, UGA, Athens
- 1997–2000 *Senior Research Associate*, Institute for Integrated Development Studies (IIDS), Nepal
- 1992–1994 *Program Officer*, Action Research Programs, IIDS, Nepal

PROFESSIONAL CERTIFICATE COURSES

- 2001 NSF Summer Institute *Environmental Monitoring and Assessment Applications to Study Land-use/cover Change*, at the Center for the

- Study of Institutions, Population and Environmental Change (CIPEC),
Indiana University, Bloomington (3 weeks)
Jun 1998 World Bank Institute Course *Investing in the Excluded: Design and
Appraisal of Grassroots Management Training and Outreach*, World
Bank, Washington DC (2 weeks)
-

FUNDED RESEARCH GRANTS

- 2019 *Sustainable Solid Waste Management in Sagarmatha (Mt. Everest)
National Park, Nepal* funded by the National Geographic Society. Role:
Co-PI. Total Project: \$30,000 and ASU portion: \$14,428. Duration: May 1
– August 31, 2019. The PI: Alton Byers, University of Colorado, Boulder.
- 2015 – 2019 *NSF CNH-L: Science-Driven, Community-Based Approach to Reducing
the Risks of Glacier Lake Floods*. CNH grant no. ICER 1516912 funded by
the National Science Foundation (NSF). Role: PI of ASU subcontract.
Total project: \$1,491,539 and ASU subcontract: \$333,290. Duration:
August 1, 2015 – July 31, 2019. The PI: Daene McKinney, University Texas
Austin, and other Co-PI: Alton Byers, University of Colorado, Boulder.
- 2012 – 2015 *Adaptive Pathways to Climate Change in the Nepal Himalaya (APaCC):
Strengthening Socio-ecological Systems of Livestock in the Gandaki
River Basin*. Funded by USAID through LCC-CRSP, Colorado State
University. Total project: \$450,000. Role: Co-PI of the project. The PI of
the project: Netra Chhetri. Duration: 2012–2015
- 2004–2007 *Earth System Sciences Fellowship* (Grant no. NNG04GQ16H) of National
Aeronautics and Space Agency (NASA). Role: Fellowship Recipient. Total
project: \$72,000.
- 2004–2005 *Dissertation Improvement Grant. Cultural Anthropology* (Grant no. BCS
0350127) of the National Science Foundation (NSF). Role: Co-PI of the
project. Total project: \$12,000.
- 2002 *NSF Ethnographic Research Training grant for Ethnographic Assessment of
Smallholders' Land-use Strategies, Lamjung, Nepal*. \$2,478
-

SELECTED PUBLICATIONS

Peer Reviewed Journal Articles (* - denotes student co-author; [Google Scholar](#))

- In press Byers, A. C., T. Gustafsson, M. Shrestha, and N Chhetri. Sustainable Solid
Waste Management Plan for the Sagarmatha (Mt. Everest) National
Park and Buffer Zone, Nepal. *Mountain Research and Development*.
- 2020 Byers, A. C, M. B. Chand, J. Lala, M. Shrestha, E. A. Byers, and T.
Watanabe. 2020. Reconstructing the History of Glacial Lake Outburst
Floods (GLOF) in the Kanchenjunga Conservation Area, East Nepal: An

- Interdisciplinary Approach. *Sustainability*, 12(13), 5407.
<https://doi.org/10.3390/su12135407>
- 2020 Thompson*, I., **M. Shrestha**, N. Chhetri, & D. B. Agusdinata. An Institutional Analysis of Glacial Floods and Disaster Risk Management in the Nepal Himalaya. *International Journal of Disaster Risk Reduction*, 47: 101567. DOI:<https://doi.org/10.1016/j.ijdrr.2020.101567>
- 2020 Byers, A.C., E. Byers, **M. Shrestha**, D. Thapa, & B. Sharma*. Impacts of Yartsa Gunbu Harvesting on Alpine Ecosystems in the Barun Valley, Makalu-Barun National Park, Nepal. *HIMALAYA, the Journal of the Association for Nepal and Himalayan Studies* 39(2): 44-59
- 2019 Sherpa*, S., **M. Shrestha**, H. Eakin, H., & C. G. Boone. Cryospheric Hazards and Risks Perceptions in the Sagarmatha (Mt. Everest) National Park and Buffer Zone, Nepal. *Natural Hazards*, 96(2): 607–626.
<https://doi.org/10.1007/s11069-018-3560-0>
- 2017 Ishtiaque*, A., **M. Shrestha**, & N. Chhetri. Rapid Urban Growth in the Kathmandu Valley, Nepal: Monitoring Land Use Land Cover Dynamics of a Himalayan City with Landsat Imageries. *Environments*, 4(4), 72.
[DOI:10.3390/environments4040072](https://doi.org/10.3390/environments4040072).
- 2015 Chaudhary, P., N. B. Chhetri, B. Dorman, T. Gegg, R. B. Rana, **M. Shrestha**, K. Thapa, K. Lamsal and S. Thapa. 2015. Turning conflict into collaboration in managing commons: A case of Rupa Lake Watershed, Nepal. *International Journal of the Commons* 9(2):744-771. DOI:
<http://doi.org/10.18352/ijc.561>.
- 2014 **Shrestha, M.** The Changing Dynamics of Mountain Agriculture and Land Use in Lamjung, Nepal. *Global Environmental Research*, 18(2): 173-182
- 2013 S. Zhang*, A York, C. Boone, and **M Shrestha**. Methodological Advances in the Spatial Analysis of Land Fragmentation. *Professional Geographer* 65(3): 512-526 DOI:[10.1080/00330124.2012.700501](https://doi.org/10.1080/00330124.2012.700501)
- 2012 **Shrestha, M.**, A York, C. Boone, and S. Zhang*. Land Fragmentation due to Rapid Urbanization in the Metropolitan Phoenix Area: Analyzing the Spatiotemporal Patterns and Drivers. *Applied Geography*, 32(2): 522-531.
[DOI:10.1016/j.apgeog.2011.04.004](https://doi.org/10.1016/j.apgeog.2011.04.004)
- 2011 York, A., **M. Shrestha**, C. Boone, S. Zhang*. Land Fragmentation under Rapid Urbanization: A Cross-site Comparative Analysis. *Urban Ecosystems*, 14(3): 429–455. DOI:[10.1007/s11252-011-0157-8](https://doi.org/10.1007/s11252-011-0157-8)
- 2007 **Shrestha, M.** The Human Dimensions of Land-use and Land-cover Change in Lamjung, Nepal. *Himalaya*, 25(1-2): 42-43.

Media Coverage

- 2020 *Tracing past glacial floods in Kangchenjunga* by Alton Byers in

[NepaliTimes](#), July 25, 2020.

- 2019 *Adapting The Khumbu: Scientists Grapple With Climate Impacts In Everest Region* by Chilton Tippin published in [ECS Nepal Issue 213](#), August 2019.
- 2016 *Himalayan Hazards* by Bidhya Sharma in [the Kathmandu Post](#), August 9
- 2015 *The Lake and the Sherpa* by Scott Seckel in [ASUNow](#), September 2015
- 2015 *Team to analyze the risk to Sherpa communities of glacial lake bursting* by Scott Seckel in <http://phys.org/>

Published Conference Proceedings

- 2007 Shrestha, M. 2007. The Human Dimensions of Land Change in Lamjung District, Nepal. In *the Proceedings of the 2nd Himalayan Policy Research Conference*. Madison, Wisconsin. Albuquerque, NM: The Nepal Study Center, University of New Mexico.
- 2006 Shrestha, M. 2006. Mountain Agriculture and Land-cover Change in the Nepal Himalaya. In *Global Change in Mountain Regions*, edited by Martin F. Price, pp. 232-233. Duncow, UK: Sapiens Publishing

Book Review

- 2009 The Kuhls of Kangra: Community-managed Irrigation in the Western Himalaya (by J. M. Baker 2005). *HIMALAYA*, 26(1-2): 68-69

Editorials, Opinions and Encyclopedia Entries

- 2018 Hudson, A., M. Shrestha. [When Disaster is Always Looming](#). Slate.com Future Tense.
- 2015 Wagle, U. and M. Shrestha. 2015. Poverty in Nepal. In *Encyclopedia of World Poverty* 2nd Edition, edited by Mehmet Odekon. SAGE.
- 2009 York, A., S. Zhang, C. Boone, M. Shrestha. Landscape Fragmentation under Rapid Urbanization. *Urbanization and Global Environmental Change Viewpoints*, 1(2): 20-24.

Technical Reports and Monographs

- 2000 The Land-use Change, Livelihood and Social Exclusion Nexus in Nepal submitted to the Robert McNamara Fellowship Program of the World Bank, Washington DC
- 1998 Self-help Banking Program and Women's Empowerment submitted to the Centre for Self-help Development (CSD), Kathmandu, Nepal.

TEACHING AND MENTORING

Courses Taught

- 2010 - *Instructor*, School of Sustainability, ASU
SOS320 (Society and Sustainability), 30 seats (every semester)
SOS321 (Policy and Governance), 40 seats, (every fall)
SOS323 (Sustainable Urban Dynamics), 40 seats (every spring)
SOS494/598 (Social Dimensions of Climate Change), 30 seats
(every Summer B and Fall A)
SOS591 (Global Development Theories and Practices), 25 seats (Spring
2018 and 2019)
- 2000-2007 *Teaching Assistant*, University of Georgia
Introduction to Anthropology (Fall 2000, Spring 2001, Spring 2002, Fall
2005), *Historical Ecology* (Spring 2003), *Multicultural Health* (Fall 2002)
- 1995-1996 *Teaching Assistant*, Clark University for *Development Problems*
(Spring 1996), *Social Research Processes* (Fall 1995)

Graduate Committee Chair

Ian Thompson (MA, School of Sustainability, ASU, May, 2019): *An Institutional Analysis of Glacial Floods and Disaster Risk Management*

Sonam F Sherpa (MS, School of Sustainability, ASU, 2018): *Cryospheric Hazards and Risk Perceptions in the Mt. Everest Region*

Graduate Committees Member

Tashi W Gurung, PhD, School of Human Evolution and Social Change, ASU, 2017 - present

Michelle Clark, PhD, School of Life Sciences, ASU (August 2020)

Phillip Moore, MA, School of Sustainability, ASU, (May 2020)

Anisa Villareal, MA, The New College, ASU (December 2018)

Daniel Culotta, MS, School of Sustainability, ASU (May 2011)

Undergraduate Honors Thesis Committee

Alexandra Neumann (Director) – in progress

Marshall Morgan (Director) - in progress

Lucien Dieter (Reader) – in progress

Sukhmani Singh (Director) – December 2020

Vanessa Villalobos (Director) - July 2020

Katherine Phillips (Reader) - May 2016

Laura Quintero Cervantes (Director) - December 2015

Alex Parma (Reader) - May 2013

INVITED LECTURES AND PRESENTATIONS

- Oct 2009 *A Comparative Analysis of Land Fragmentation and Socioecological Gradients*. Department of Geography, Kansas State University, Manhattan, Kansas. October 9, 2009.
- Oct 2008 *Studying Land Change in Mountains: Lamjung District of Nepal as a Case Example*. The CAP LTER, Global Institute of Sustainability, Arizona State University, Tempe. October 3.
-

CONFERENCE PRESENTATIONS

- Sep 2019 Shrestha, M., I Thompson & A Byers. *Perceptions and Governance of Cryospheric Hazards in the Mt. Everest Region, Nepal*. The International Mountain Conference, Innsbruck, Austria.
- Apr 2019 Shrestha, M. & A Byers. *Glacial Floods, Infrastructures, and Sustainability in the Sagarmatha (Mt. Everest) National Park and Buffer Zone, Nepal*. The Annual Meeting of the Association of American Geographers (AAG), Washington, DC.
- Mar 2019 Shrestha, M. & A. Byers. *Socio-Cryospheric Systems of Glacial Floods and Disaster Risks in the Mt. Everest Region, Nepal*. The 79th Annual Meeting of Society for Applied Anthropology (SfAA), Portland, Oregon.
- Jan 2018 Poster: Ishtiaque*, A., M. Shrestha, and Netra Chhetri. *Urbanization in the Himalayas? Detecting loss of agricultural land due to urban growth in the Kathmandu Valley, Nepal*. The 20th Annual Central-Arizona Phoenix Long-Term Ecological Research (CAP LTER) All Scientists Meeting and Poster Symposium, Skysong, Scottsdale, AZ.
- Dec 2017 Shrestha, M. and S. Sherpa. *Melting Glaciers and Glacial Floods in the Mt. Everest Region: The Interface of Culture and Disaster Risk*. The 116th Annual Meeting of the American Anthropological Association (AAA), Washington, D. C. December 3, 2017
- Sep 2017 *Balancing on a Beyul: Memories and Perceptions of Glacial Hazards and Risks in Solukhumbu, Nepal*. The 5th Association of Nepal and Himalayan Studies (ANHS), Boulder, Colorado.
- Feb 2016 *Dealing with Uncertainties and Risks: A Focus on Livestock Management and Livelihood Security*. The 4th Himalayan Studies Conference of the ANHS, University of Texas, Austin.
- Sep 2015 Poster: Shrestha, M., A. M. York, and K. Kane. *Updates on the Spatio-temporal Patterns of Land Fragmentation in Phoenix: Analyzing the Conversion of Peri-Urban Agriculture Land to Housing*. The 2015 LTER ASM, Estes Park, CO.
- Jul 2014 Shrestha, M., N. Chhetri, and P. Chaudhary. *Long-term Changes in*

- Livestock Management and Mountain Agroecology in the Upper Gandaki River Basin*. Global Workshop on Long-term Observing Systems of Mountain Socio-ecological Systems, University of Nevada, Reno.
- Mar 2014 *Transhumance and Its Future in the Gandaki River Basin: A Focus on the Socio-ecological Systems*. The 3rd Himalayan Studies Conference of the ANHS, Yale University, New Haven.
- Feb 2014 *Retreat or Revitalize? Transhumance and Land Use Change in the Gandaki River Basin, Nepal*. Society of Range Management Symposium “Unsettled futures for subsistence pastoralism: adapting livestock systems in the face of changing climate and land use” Orlando, Florida,
- Nov 2013 *Coping with Food Insecurity in the Nepal Himalaya: Agricultural Change and Migration*. The 112th Annual Conference of AAA, Chicago, IL
- Apr 2013 *The Changing Dynamics of Land-use, Livestock, and Livelihood in the Nepal Himalaya*. In the session The Himalaya in the 21st Century, the Annual Meeting of AAG, Los Angeles, CA.
- Nov 2012 *Adaptation to Climate Change in the Nepal Himalaya: Livestock, Food Security and Transcending Borders*. The 111th Annual Conference of AAA, San Francisco, CA.
- Sep 2012 *The Socioecological Dynamics of Urbanization in the Kathmandu Valley*. The 2nd Himalayan Studies Conference of the ANHS, Western Michigan University, Kalamazoo.
- Oct 2011 *Climate Change in the Nepal Himalaya: Examining Vulnerability and Livelihood Security Issues*. The First Himalayan Studies Conference of the ANHS, St. Paul, MN.
- Dec 2010 *Mountain Agriculture and Anthropology: A Focus on the Nepal Himalaya*. The 109th Annual Conference of AAA, New Orleans, LA.
- Oct 2010 Shrestha, M., A. York, S. Zhang, and C. Boone. *Rapid Urbanization and Land Fragmentation in the US Southwest: A Socio-ecological Gradient Analysis*. The International Conference on Urbanization and Global Environmental Change–The Global Land Project, Tempe, AZ
- Oct 2010 *Contending Institutions and Reconfiguration in Common-pool Resource Management in Lamjung, Nepal*. The International Association for the Study of the Commons (IASC) North America Regional Meeting, September 30 – October 2, Tempe, AZ
- Jan 2010 Poster (Shrestha, M., A. York, C. Boone and S. Zhang): *Rapid Urbanization and Land Fragmentation: A cross-site comparative analysis*. The 12th Annual Symposium of CAP LTER, ASU, Tempe
- Jan 2010 Poster (Zhang, S., A. York, C. Boone, and M. Shrestha). *Methodological Issues in Land Fragmentation Gradient Analysis*. The 12th Annual Symposium of CAP LTER, ASU

- Dec 2009 *Agricultural Change and Livelihood Security in Lamjung, Nepal*, the 108th Annual Conference of AAA, Philadelphia, PA.
- Sep 2009 Shrestha, M., S. Zhang, A. York, and C. Boone. *Socioecological Gradients and Land Fragmentation: A Cross-site Comparative Analysis*. LTER All Scientists Meeting, September 13-16, Estes Park, CO.
- Mar 2009 *Assessing Vulnerability to Glaciers Retreat and Food Shortage in the Nepal Himalaya*, the 69th Annual Meeting of SfAA, Santa Fe, NM.
- Nov 2008 *Food Security and Vulnerability in Lamjung, Nepal: A Focus on the Likely Impact of Climate Change on Mountain Agriculture*, the 107th Annual Conference of AAA, San Francisco, CA.
- Mar 2008 *Globalization, Mountain Agriculture and Livelihoods in Lamjung, Nepal*, the 68th Annual Meeting of the SfAA, Memphis, TN.
- Dec 2007 *Smallholder Land-use Change and Agro-diversity in Lamjung, Nepal*. The 106th Annual Conference of AAA, Washington, DC.
- Octo 2007 *Community Forestry and the Changing Context of Smallholding in Lamjung, Nepal*. The 36th Annual Conference on South Asia, University of Wisconsin, Madison, WI.
- Oct 2007 *The Human Dimensions of Land Change in Lamjung, Nepal*. The 2nd Himalyan Policy Research Conference, Madison, WI.
- May 2007 *Accuracy Assessment of Land-cover Mapping in Lamjung District, Nepal*. American Society for Photogrammetry and Remote Sensing (ASPRS) Conference, Tampa, FL.
- Apr 2007 *The Institutional Context of Agrarian Change in Lamjung District, Nepal*. The Annual Meeting of SfAA, Tampa, FL.
- Nov 2006 *Integrated Land History: Analyzing the Cultural Context of Agricultural Change in Lamjung of Nepal*. The 105th Annual Conference of AAA, San Jose, CA.
- Oct 2006 *Land-use and Land-cover Change in Agricultural Areas: The Example of Lamjung, Nepal*. The Academy of the Environment Symposium, UGA, Athens, GA.
- Octo 2006 *Integrated Land History and Land-cover Change in Lamjung, Nepal*. The 35th Annual Conference on South Asia, University of Wisconsin, Madison, WI.
- May 2006 *Integrating Satellite Data with Household and Community Data to Detect Land-use and Land-cover Change in Nepal*. The ASPRS 2006 Annual Conference in Reno, NV.
- Apr 2006 *Poster: Smallholders Land-use Strategies and Land-cover Change in the Nepal Himalaya: Integrating Household and Community Data with Remote Sensing Applications*. The NASA Land-cover and Land-use Change Science Team Meeting, April 11-13, MA.

- Mar 2006 *Ethnoecology of Land-use and Land-cover: An Application in Community-based Natural Resources Management*. SfAA, Vancouver, Canada.
- Oct 2005 *Mountain Agriculture and Land-cover Change in the Nepal Himalaya*. The Open Science Conference: Global Change in the Mountain Regions, Perth, Scotland
- Jul 2005 *Land-use and Land-cover Change in the Nepal Himalaya: Revisiting the Verticality Concept*. Thematic workshop “Process Studies along Altitudinal Gradients to Serve Conservation and Sustainable Development,” Samedan, Switzerland.
- Mar 2003 *Smallholders’ Land-use Choices and Mountain Farming Systems*. The Annual Meeting of SfAA, Portland, OR
- Mar 2002 *Land-use/cover Change and Livelihood Diversification: Characterizing Mountain Agriculture Systems of Nepal*. The Annual Meeting of the SfAA, Atlanta, GA
- Jun 2000 Poster: *The Land Use Change, Livelihood and Social Exclusion Nexus in the Nepal Himalayas*. The International Mountain Research Symposium sponsored by Grenoble Pôle Européen Universitaire et Scientifique, Grenoble, France

In-campus Lectures and Colloquia

- May 2015 Chhetri, Nalini and M. Shrestha. *The Nepal Earthquakes: Resiliency amid Unfathomable Loss*. Critical Case Lecture Series. Julie Ann Wrigley Global Institute of Sustainability, ASU.
- Dec 2010 Speaker: *A Socioecological Gradient Analysis of Land Fragmentation in the US Southwest*. Dynamical Discussion Series, Center for Social Dynamics and Complexity, Consortium for Biosocial Complex Systems, ASU.
- Sep 2008 Guest Lecturer: *Mountain Agriculture and Land Change in the Nepal Himalaya*. Agricultural Anthropology (ANTH4060/6060) class. Dept of Anthropology, UGA. Sep 8.
- Nov 2006 Guest Lecturer: *Ethnoecology of Land-use: Collecting and Analyzing Qualitative Data*. Designing Qualitative Research (QUAL/ERSH 8410) College of Education, UGA.
- Sept 2006 Colloquium Speaker: *Geographical Information System (GIS) and Remote Sensing Applications in Anthropological Research*. Pro-seminar (ANTH9005). Dept. of Anthropology
- Apr 2004 Guest Lecturer: *Smallholders, Memories and Land-use Change in Lamjung, Nepal*. Landscapes and Memories (ANTH 4015/6015) class. Dept. of Anthropology, UGA.
- Nov 2001 Guest Lecturer: *Livelihoods and Social Exclusion in Nepal*. Anthropology of

Development (ANTH 4560/6560) class. Department of Anthropology, Athens, UGA

SIGNIFICANT FELLOWSHIPS, AWARDS AND HONORS

- 2008 *Christine Mirzayan Science & Technology Policy Fellowship*, National Academy of Sciences/National Research Council (NRC), Washington, DC
- 2006–2007 *Dissertation Completion Award*. The Graduate School, University of Georgia (UGA), Athens.
- 1999–2000 *Robert McNamara Fellowship*. The World Bank, Washington, DC
- 1990 *National Championship*, the 22nd Ratna Shield Inter-College Quiz Contest, GAA, Nepal
- 1988–92 *Tribhuvan University Merit Scholarship*, IAAS, Nepal
-

SCHOOL, UNIVERSITY AND PROFESSIONAL SERVICES

School Services

- 2020– *Course Coordination Committee*, School of Sustainability
- 2019–present *Sustainability Undergraduate Research Experience (SURE) Committee* in 2019, 2020
- 2019 *Search Committee* for Lecturers and Instructors

University Services

- 2016–present *Examiner* (a member of the evaluation committee) for ASU President's Award for Sustainability 2016, 2017, 2018, 2019, 2020.
- 2009–2010 *Grant proposal reviewer*: CAP LTER, Graduate Students Research Grants for summer 2010, fall 2010, and spring 2011
- 1995–1996 *Representative of the ID Program* in the Graduate Students Council, Clark University

Scientific and Professional Committees

- 2020 – present *Executive Council Member*, the Association for Nepal and Himalayan Studies (ANHS). Also severed from 2008 to 2012
- 2016, 2017 *Senior Fellowship Application Review Committee*, ANHS
- 2006 – 2012 *Web developer* and/or curator for several professional organizations: <http://anhs-himalaya.org/>; <http://cultureandagriculture.org>; <http://www.uga.edu/asprs>
- 2007 – 2009 *Board Member*, the Culture & Agriculture (C&A) Section, AAA

Journal Reviewer (reviewed 31 times for 21 journals; [Verified Review Record](#))

Ambio, *Applied Geography* (3), *Climate and Development*, *Conservation & Society*, *Contemporary South Asia*, *Culture & Agriculture*, *Ecology & Society*

(3), *Ecological Processes*, *HIMALAYA – Journal of Nepal and Himalayan Studies*, *The International Journal of Commons* (3), *The Journal of Environmental Planning and Management*, *Journal of Mountain Sciences*, *Land – Interdisciplinary Journal*, *PLoS ONE* (6), *Remote Sensing*, *SAGE Open*, *The Science of the Total Environment (STOTEN)*, *Science Advances*, *Urban Geography*

Research Proposal Reviewer

- 2018–2019 United Kingdom Research and Innovation research proposals for Biotechnology and Biological Sciences Research Council (BBSRC), and Arts and Humanities Research Council (AHRC)
- 2011 National Geographic Society Research and Exploration Grant

Book Manuscript Reviewer

- 2017 Wolters Kluwer (Aspen Publishers)
- 2015 Guilford Press 2015

Invited Panelist, Chair, and Facilitator

- Sep 2012 Chair and discussant, Urbanization in Kathmandu, Nepal panel, the 2nd ANHS Himalayan Studies Conference, Western Michigan University, Kalamazoo, MI.
- Jul 2011 International Staff (instructor), the GCOE-INeT Summer School 2011, Understanding coupled natural and social system: Feedback loops between land-use and ecosystem change Hokkaido University, Japan.
- Mar 2011 Panelist, represented CAP-LTER in the panel Using Local Knowledge to Understand Land Use/Land Cover Change at Long Term Ecological Research (LTER) Sites. The AAG Annual Meeting, Seattle, WA.
- Jun 2000 The World Mountain Forum Conference, Chambéry, France.

Conference and Session Organizer

- 2017 Panel organizer: *Glaciers, Climate Risks, and Societies*. The 5th ANHS Himalayan Studies Conference, Boulder.
- 2016 Panel organizer: *Climate Adaptations, Risks, and Livelihoods in the Nepal Himalaya*. The 4th ANHS Himalayan Studies Conference, University of Texas, Austin.
- 2012 Panel co-organizer (with Udaya Wagle): *Urbanization in the Himalaya: Challenges and Policy Response*. The 2nd ANHS Himalayan Studies Conference, Kalamazoo, MI.
- 2011 Panel organizer, *The Social Dimensions of Agriculture and Climate Change in the Himalaya*. The 1st ANHS Himalayan Studies Conference, St. Paul.

- 2009 Working group co-organizer (with A. York, S. Zhang and C. Boone): *A Cross-site Comparative Analysis of Land Fragmentation*, LTER ASM, Estes Park, CO.
- 2002 Panel co-organizer, *The Himalayan Dilemma: Old Problems, New Approaches*. The Annual Meeting of the SfAA, Atlanta, GA.
-

CONSULTANCIES

- 2000 International Centre for Integrated Development (ICIMOD), Nepal
- 1998 Centre for Self-help Development (CSD), Nepal
- 1993 The World Bank, Kathmandu, Nepal
-

PROFESSIONAL MEMBERSHIP

- Society for Applied Anthropology, member since 2003 (Currently Sustaining Fellow)
- American Anthropological Association (AAA) since 2003
- American Association of Geographers (AAG) since 2013
- American Society for Photogrammetry and Remote Sensing (ASPRS) since 2004
- The Association for Nepal and Himalayan Studies (ANHS) since 2004
- International Association for the Study of Commons (IASC) since 2005
- International Society of Ethnobiology (ISE) since 2013 (occasional)
-