

Pashupati Chaudhary

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Skills

- Program planning, management, implementation, monitoring & evaluation
- Grant writing with strong analytical and conceptual skills
- Research, policy analysis, and scientific studies
- Knowledge documentation and scientific writing
- Communication, donor relation and partnership management
- Mentoring, evaluation, coaching, mentoring, and teaching

Key Technical Expertise

- Climate change adaptation
- Biodiversity conservation
- Natural resource management
- Food security and agriculture
- Ecosystem services and environmental sustainability
- Sustainable development

References

Kamaljit S. Bawa, PhD
Distinguished Professor
University of Massachusetts Boston
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Netra Chhetri, PhD
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Balaram Thapa, PhD
Executive Director
LI-BIRD
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Email: bthapa@libird.org

Profile

I am a multi-disciplinary, dynamic, and versatile person with nearly 20 years of experience in development work, research, training, grant writing, teaching, senior level management, partnership management, project evaluation, and managing grassroots level and multi-country projects. I have contributed, mostly led development of over three dozen proposals for several funding partners with high success rate. I have performed consultancy work in project evaluation, good practice documentation, and proposal writing and published over 40 peer-reviewed articles, over two dozen book chapters, and three dozen proceedings and periodicals, evaluation reports, newspaper articles, blog articles, and training manuals. My articles are well recognized and cited for more than 2400 times with the h-index of 21 and i10-index of 41. I have led, managed, and coordinated multi-country projects in agriculture, climate resilience, natural resource management, environmental and ecosystem management, biodiversity conservation, and food security issues.

Education

PhD in Environmental Science from University of Massachusetts Boston, USA in 2011

Masters in Sustainable International Development from Brandeis University, USA in 2004

B.Sc. in Agriculture from Tribhuvan University, Nepal in 1994

Employment History

Senior Resilient Agriculture Specialist at Asian Disaster Preparedness Center (ADPC), Thailand

April 2021-April 2023

- Leading overall agriculture sector activities by providing technical and non-technical guidance to agriculture sector team in Bangkok, Bangladesh, Nepal and Pakistan,
- Managing and monitoring implementation of agriculture sector activities and reviewing technical and non-technical reports, presentations and knowledge products,
- Leading regional and national capacity building and training activities for stakeholders under agriculture sector to increase understanding on climate-smart agriculture (CSA),
- Leading regional and national dialogues including climate talks, and interactions with stakeholders (both government and non-government) at regional and national level,

- Representing agriculture sector in monthly and quarterly progress meetings, client and focal agency meetings, national and regional workshops and conferences,
- Analyzing and evaluating existing CSA strategic frameworks in project countries viz-a-vis agro-climatic zoning to address gaps in the frameworks,
- Conducting comprehensive review and assessment of agriculture sector policies, plans and guidelines alongside the needs and issues in agriculture sector to support, and the development of a climate-informed policy actions for the agriculture sector.

Agriculture and Food Security Expert at Oxford Policy Management, Nepal, Apr 2020-Mar 2021

- Review of international and national reports on Vulnerability and Risk Assessment (VRA), and their relevance in developing medium and long term-adaptation options,
- Designing and Developing a VRA Methodology, contextualizing VRA Framework through recent policy directives while considering a gender differentiated and marginalized group,
- Conducting climate change trend and scenario analysis and collecting data of hazards, exposure, sensitivity, adaptive capacity and calculate impact, Vulnerability and Risk Assessments (VRA),
- Developing disaggregated VRA maps of the seven provinces (inclusive of 77 local clusters) and the whole country to identify key “climate vulnerable hotspots”,
- Validating VRA findings through a participatory and consultative process with national and provincial stakeholders, local communities, local governments, and community-based organizations,
- Identifying adaptation options at multiple scales to address vulnerability & risk and prioritizing them in line with priorities and goals of the Ministry of Agriculture and Livestock Development (MoALD), and
- Conducting consultative workshop, involving selected experts and at-risk groups and stakeholders from priority locations to validate adaptation options, and discussing how best to operationalize these.

Biodiversity Specialist at International Center for Integrated Mountain Development (ICIMOD), Nepal, Jun 2019-Mar 2020

- Liaison and coordination with focal persons in 11 South Asian countries for updated information on biodiversity including updates on Sixth Communication Reports and progress in Aichi Target 2010-2020,
- Preparing synthesis and summary reports and reporting that to Convention on Biological Diversity (CBD) secretariat,
- Communication with member countries about recent development and decisions of CBD and guide them act upon as per recent changes,
- Building capacity of focal persons and relevant stakeholders in reporting biodiversity management, plans and policies to CBD secretariat, and
- Preparing monthly progress report and periodical reports.

Deputy Team Leader/Agricultural Climate Risk & Adaptation Specialist at Food and Agriculture Organization (FAO), Nepal, July 2017-June 2018

- Drafting a Concept Note and full proposal for submitting to Green Climate Fund (GCF) in collaboration with FAO officials, consultants, and government stakeholders,
- Conducting consultative meetings and workshop with government stakeholders for gathering necessary information and getting documents endorsed,
- Field interactions to gather information from local governments, farmers, and stakeholders to make sure planned activities and implementation strategy are grounded and stakeholders have ownership,
- Drafting Social and Environmental Impact Assessment, local adaptation plan, theory of change, and implementation strategy of the proposed project,
- Drafting field assessment report, Environmental and Social Safeguard analysis and economic analysis sections of the full proposal,
- Hiring and manage a team of consultants responsible for GIS, gender and social inclusion, and livestock related disciplines,
- Communication, consultation, and collaboration with GCF focal person in Nepal, and
- Contracting management for Consultants involved in various technical documents necessary for GCF project.

Director of Program Development at Local Initiatives for Biodiversity, Research and Development (LI-BIRD), Nepal, Aug 2014 - Jul 2017

- Leading proposal development work at the organization and engage other experts for brain storming and conceptualizing concept note and proposals,
- Drafting technical proposal and seek necessary input from other staff members and partners,
- Ensuring the proposals are of good quality and meeting all the criteria and requirements as per ToR and Request for Proposals, as well as timely submission, and
- Identifying strong partners and collaborators and managing relationship with them during proposal development and responding to calls.

Director of Program Operations at LI-BIRD, Nepal, Jan 2012 - Jul 2014

- Overall leadership, coordination, management and monitoring of project activities managed by different project team,
- Donor and partner relationship management and communication regarding project progress, challenges faced, and strategies adopted,
- Leading research and training activities in certain themes and drafting policy review reports, peer-reviewed articles, and
- Serving as technical team member in proposal development, planning, and implementation of projects and ensuring quality and timely delivery of outputs.

Field Coordinator at LI-BIRD, Nepal, Jan 1998-Aug 2002

- Field coordination, planning and implementation of planned activities and ensuring quality and monthly reporting,
- Partnership management at local level and playing a bridging role between project team, government officials and local farmers,
- Data collection, analysis, and synthesis to prepare knowledge projects, journal articles, and other technical documents,
- Progress report preparation and submission to partners, government stakeholders, and donors, and
- Supporting four PhD students to conduct and analyze data and interpret results coming from household surveys and local level field interactions.

Field and Data Entry Supervisor at Population and Ecology Research Laboratory (PERL), Nepal, Sep 1995-Dec 1997

- Supervising and guide a group of enumerators engaged in field surveys, household surveys, group discussions, and key informant surveys,
- Drafting monthly progress report and submission to partners, government stakeholders, and donors, and
- Supporting four PhD students from USA to gather field data from local communities.

Short-term Consultancy

- 1) **Bioversity International, Consultant** (Mar 2020) – Reviewing articles published in a Proceedings and Preparing knowledge products on Agrobiodiversity and ecosystem services, good practices of agrobiodiversity conservation.
- 2) **International Center for Tropical Agriculture (CIAT), Consultant** (Dec 2019 – to Mar 2020) – Documentation of Heifer Nepal and Heifer Bangladesh work related to climate change and agriculture to feed into Heifer's global framework on climate smart agriculture.
- 3) **UNDP Nepal, Knowledge Management Expert** (Jan-Jun 2019) – Preparing three documents: (i) training manual for climate change integration, (ii) roadmap for Nepal government to implement climate change programs, and (iii) handbook on integration of climate change into development plans, programs and policies.
- 4) **Danish Church Aid Nepal, Consultant** (May 2019) – Developed an EU proposal on civil society organization strengthening for climate change actions
- 5) **ADRA Nepal, Consultant** (Mar 2019) – Developed an EU proposal on Linking Farmers to Differentiated Market of Safe Produce (LINK-FARM).

- 6) **Climate Change, Agriculture and Food Security (CAAFS), India, Consultant** (Nov – Dec 2018) – Documented impacts of Climate Smart Village project implemented by LI-BIRD and CCAFS in Nepal.
- 7) **International Rice Research Institute (IRRI), Nepal, Consultant** (Nov-Dec 2018) – Writing proposals and field monitoring and documentation of project outcomes.
- 8) **International Center for Integrated Mountain Development (ICIMOD), Consultant** (Aug-Oct 2018) - Conducted a Feasibility study district level stakeholder meetings in Koshi River Basin and contributed to environmental and social safeguard analysis to feed into a proposal on Climate Resilient Agriculture to be submitted to Green Climate Fund (GCF).
- 9) **ADRA Nepal, Consultant** for good practices documentation on 8 different topics.
- 10) **Lutheran World Relief (LWR), Consultant** (April 2018) Developed a proposal for IDRC on Evidence-based and Community-led Approach to Building Flood Resilience of Women, Girls and Marginalized Peoples in Gandaki Transboundary River Basin (GTRB) in Nepal and India.
- 11) **SAHAS Nepal, Lead Evaluator/Team Leader** – Local Initiatives for food security transformation project, 2017 – Scheduled for September and November, 2017.
- 12) **SAHAS Nepal, Lead Evaluator/Team Leader** – Community empowerment for food and livelihood security project, 2017 – Scheduled for September and November, 2017.
- 13) **Local Initiatives for Biodiversity, Research and Development (LI-BIRD), Evaluator/Team Member** – *Ex post* evaluation of LI-BIRD's Home garden project Phase III in Jhapa district, 2017.
- 14) **Lutheran World Relief (LWR) and Community for the Promotion of Public Awareness and Development Studies (COPPADES), Lead Evaluator/Team Leader** – External evaluation of Climate Smart Agriculture project in Lamjung district, 2016.
- 15) **CARE Nepal, Evaluation Team Member** (Dec 2016) – Hariyo Ban Program's mid-term evaluation to identify Climate Smart Agriculture relevant for the program in Year 2 onward.
- 16) **Action Aid, Lead Evaluator/Team Leader** (Apr-May 2014)– Post project evaluation of Action Aid's SAMANATA project in Kapilbastu district, 2004.

Contribution as a Technical Expert

- 1) **Lead Author for Nepal on 'Adaptation Strategies' chapter**, ICIMOD's Himalayan Monitoring and Assessment Project (HIMAP). HIMAP is producing a comprehensive assessment of the Hindu Kush Himalayan (HKH) region in order to understand the current state of knowledge, address crucial data gaps and increase the understanding of drivers of change and their impacts.
- 2) **Team member for the Technical Committee 'Agriculture, food security and nutrition working group'** for National Adaptation Plan (NAP) of Nepal (only in earlier phase).
- 3) **Agricultural Expert for 'GHG Third National Communication Report for Nepal'** to be submitted to the UNFCCC, anchored by the Ministry of Population and Environment, to be submitted to UNFCCC as a member country.
- 4) **Team member** of a consultancy report on *Country Profile of Climate-smart Agriculture in Nepal*. LI-BIRD, CCAFS.
- 5) **Team member, Climate change and plant genetic resource theme** of Genetic Resource and Policy Initiative (GRPI) project funded by Access and Benefit Sharing Fund of Food and Agriculture Organization (FAO) of the United Nations.
- 6) **Global Project Coordinator**, Jun 2012-Dec 2013 (Community-based Biodiversity Management for Community Resilience project implemented in 12 countries across Asia, Africa and LA).
- 7) **Volunteer Chapter Scientist**, 2011 IPCC 5th Assessment Report, WG II, Chapter 15, Zero Order Draft only.
- 8) **Thematic Leader**, Jan 2013 to Dec 2014 (Future interdependence of plant genetic resources due to climate change theme for the 'Genetic Resources Policy Initiatives' project).

- 9) **Technical Expert for Field Monitoring** – Assisted Ashoka Trust for Research in Ecology and the Environment (ATREE) staff in the Eastern Himalaya office, Darjeeling and Sikkim, in conducting internal monitoring of their projects and reporting the results in impactful way.
- 10) **Technical Expert and Climate Change Adaptation Expert** for several of projects implemented by LI-BIRD such as Climate Smart Village, Climate Smart Agriculture, Sustainable Agriculture Kits, and Multi-Stakeholder Forestry Projects.

Grants Contributed (Successful only)

- 1) 2019-2022. **Lead Contributor**. Enhanced Action of Inclusive CSOs for Participation in Climate Resilient Economic Growth (UTHAN). Submitted to EuropeAid. \$1million.
- 2) 2018-2020. **Lead Contributor**. Reducing risks of land-based water pollution in South Asia submitted to SCA South Asia Regional Connectivity Program, United States Department of State, Bureau of South and Central Asian Affairs (SCA) by Caritas Switzerland (Lead), LI-BIRD (Nepal), DHAN Foundation (India), Arthacharya Foundation (Sri Lanka), and Caritas Bangladesh (Bangladesh). \$1 million
- 3) 2017-2019. **Key contributor**. Scaling up climate-resilient agriculture for sustainable livelihood of smallholder farmers in Nepal. Submitted to Bread for the World, Germany. \$500,000
- 4) 2015-2016. **Lead Contributor**. Rebuilding Family Farming (RFF); to work in earthquake-affected villages in Nepal. Three grants worth \$2.1 million
- 5) 2015-2016. **Lead Contributor and Technical Expert**. Piloting Climate Smart Villages in Nepal. Climate Change, Agriculture and Food Security (CCAFS), Delhi. Amount: \$350,000.
- 6) 2015-2016. **Lead Contributor and Technical Expert**. Scaling up Climate Smart Agriculture in Nepal. Climate Development Knowledge Network (CDKN), UK. Amount: \$800,000.
- 7) 2014-2018. **Lead contributor**. Mainstreaming Home Gardening in Nepal. Swiss Development Cooperation (SDC)-Nepal. Amount: \$2.6 million.
- 8) 2014-2017. **Key Contributor and Co-PI**: Innovations for Terrace Farmers in Nepal and Testing of Private Sector Scaling Up Using Sustainable Agriculture Kits (SAKs) and Stall-Based Franchises. The Canadian International Food Security Research Fund (CIFSFR), IDRC and DFATD. Amount: \$1.26 million.
- 9) 2013-2016. **Key Contributor and Technical Advisor**: Strengthening livelihoods and local management of plant genetic resources under conditions of climate change (Multi-country project: Zimbabwe, Ethiopia and Nepal). Amount: \$500,000. Oxfam Novib, Netherlands.
- 10) 2013-2015. **Lead Contributor and Climate Change Expert**: Multi-stakeholder Forestry Program Implementation in Parbat, Myagdi and Baglung districts of Nepal. Amount: \$1.4 million, SDC, DFID, Finnish government.
- 11) 2012-2014. **Key Contributor and Co-PI**: Livestock, Livelihoods and Climate Change Interactions in the Gandaki Watershed Area, Nepal. Amount: \$450,000, USAID through Colorado State University, USA.
- 12) 2011-2012. **Contributor**: Livestock, Livelihoods and Climate Change Interaction: A Collaborative Research in the Mountains of Nepal. Amount: \$80,000, USAID through CRSP/Colorado State University, USA.
- 13) 2012-2013, **Key Contributor and Co-PI**: Disaster Risk Reduction and Climate Change Adaptation Across the Eastern Himalayas. Amount: \$106,000. CDKN, START, USA.
- 14) 2008-2011. **Contributor**: Enhancing Conservation and Livelihood Security in Biodiversity Hotspots. Amount: \$600,000, Blue Moon Fund, USA.
- 15) 2008-2009. **PI (Individual grant)**: Trans-border Concerns in Managing the Commons: A Study of the Kanchenjunga Biodiversity Complex. Amount: \$18,200, National Geographic Society, Committee for Research and Exploration, USA. A PhD thesis grant.

Publications

Google Scholar: https://scholar.google.com/citations?user=r0FR_AMAAAJ&hl=en [Accessed: 30 Apr 2023]

	All	Since 2018
Citation	2498	1312
h-index	21	15
i10-index	41	20

Research Gate: https://www.researchgate.net/profile/Pashupati_Chaudhary2

[Research interest score: 1403; h-index: 17; Citation: 1769; Read: 66,667]; Accessed: 30 Apr 2023

Peer-reviewed Journals

- 1) Nepal S., R. Maskey Byanju, **P. Chaudhary**, K. Rijal, P. Baskota and S. Thakuri 2023. Methane release from enteric fermentation and manure management of domestic water buffalo in Nepal Environ Monit Assess. <https://doi.org/10.1007/s10661-023-11209-6>.
- 2) Neupane N., **P. Chaudhary**, Y. Rijal, B. Ghimire and R. Bhandari 2022. The role of renewable energy in achieving water, energy, and food security under climate change constraints in South Asia. *Front. Sustain. Food Syst.* 6:1016093. doi: 10.3389/fsufs.2022.1016093.
- 3) Yan W., Y. Wang, **P. Chaudhary**, P. Ju, Q. Zhu, X. Kang, H. Chen, Y. He 2022. Effects of climate change and human activities on net primary production of wetlands on the Zoige Plateau from 1990 to 2015. *Global Ecology and Conservation*, 35:1-13.
- 4) Chaudhary B.R., G. Acciaoli, W. Erskine and **P. Chaudhary** 2021. Responses of the Tharu to climate change-related hazards in the water sector: Indigenous perceptions, vulnerability and adaptations in the western Tarai of Nepal. *Climate and Development*, <https://doi.org/10.1080/17565529.2021.1889947>.
- 5) Gyawali N., D. Devkota, **P. Chaudhary**, A. Chhetri, and N.R. Devkota 2021. Factors Associated to Flood Resilience Measurement in Narayani River Basin, Nepal, *British Journal of Environmental Sciences*, Vol.9, No.5, pp. 1-11.
- 6) Gyawali N., D. Devkota, **P. Chaudhary**, A. Chhetri, and N.R. Devkota 2021. Rural Strategies for Flood Resilience: Analysis of Community Actions in Narayani River Basin, Nepal. *International Journal of Agricultural Extension and Rural Development Studies*, 1.8(5):1-16.
- 7) Gyawali N., D. Devkota, **P. Chaudhary**, A. Chhetri, and N.R. Devkota 2020. Role of social capital on flood resilience capacity: evidence analysis from Susta Nawalparasi Paschim, Nepal. *Journal of Agriculture and Forestry University*, 4:61-66.
- 8) Gyawali, N. D. Devkota, **P. Chaudhary**, A. Chhetri, and N.R. Devkota 2020. Community-based early warning system in flood resilience context at Nawalparasi, Nepal. *Participation*, 20:128-137.
- 9) Joshi, K.D., S. Upadhyay, **P. Chaudhary**, S. Shrestha, K. Bhattarai and B.P. Tripathi 2020. The Rice Processing Industry in Nepal: Constraints and Opportunities. *Agricultural Sciences*, 11:1060-1080.
- 10) **Chaudhary P.**, D Upadhyay, B Dhakal, R Dhakal and D Gauchan 2020. Generation, gender and knowledge gap in agrobiodiversity among smallholders in Nepal. *Journal of Agricultural Science*, 12(9):62-73.
- 11) **Chaudhary P.**, S Bhatta, K Aryal, BK Joshi and D Gauchan 2020. Threats, drivers and conservation imperative of agrobiodiversity. *The Journal of Agriculture and Environment*, 21:44-61.
- 12) Thakuri S, P Baskota, SB Khatri, A Dhakal, **P. Chaudhary**, K Rijal, R Maskey Byanju 2020. Methane emission factors and carbon fluxes from enteric fermentation in cattle of Nepal Himalaya. *Science of the Total Environment*, 746 (2020) 141184.
- 13) Aryal K., S. Poudel, **P. Chaudhary**, R.P. Chaudhary, K.H. Ghimire, D.S. Shrestha, and B.K. Joshi 2020. Agro-morphological diversity of high-altitude bean landraces in the Kailash Sacred Landscape of Nepal. *Journal of Nepal Agricultural Research Council*, 6:1-13. DOI: <https://doi.org/10.3126/jnarc.v6i0.28109>
- 14) Tamang B.B., M.K. Shah, B. Dhakal, **P. Chaudhary** & N. Chhetri 2020. Participatory ranking of fodders in the western hills of Nepal. *Journal of Agriculture and Natural Resources*, 3(1):20-28.
- 15) Shah M.K., B.B. Tamang, B. Dhakal, **P. Chaudhary**, S. Shrestha and N. Chhetri 2019. Nutritive values of fodders at different seasons and altitudes in Gandaki River Basin of Nepal. *Journal of Agriculture and Natural Resources*, 2(1):109-126.
- 16) Aryal K.P., S. Poudel, R.P. Chaudhary, N. Chhetri, **P. Chaudhary**, W. Ning and R. Kotru 2018. Diversity and use of wild and non- cultivated edible plants in the Western Himalaya. *Journal of Ethnobiology and Ethnomedicine*, 14(10):1-10.
- 17) Joshi B.K., R. Vernoooy and **P. Chaudhary** 2017. Crop interdependence, adaptation to climate change and the multilateral systems of access and benefit sharing: The case of Nepal. *Indian J. Plant Genet. Resour.* 30(3): 210-217.

- 18) **Chaudhary P.**, R. Seidler and K.S. Bawa 2017. Patterns and determinants of domestic energy use in Kanchenjunga Himalaya. *International Journal of Energy and Environmental Science*, 2(1):1-11.
- 19) Upadhy D., R. Dhakal, K. Khadka, S. Rana, P. Acharya, R. Rana and **P. Chaudhary** 2016. Local knowledge on climate-induced traits in rice for improving crop yield, food security and climate resilience. *International Journal of Agriculture Innovations and Research*, 5(3):2319-1473.
- 20) Gartaula H., K. Patel, D. Johnson, R. Devkota, K. Khadka and **P. Chaudhary** 2016. From food security to food wellbeing: examining food security through the lens of food wellbeing in Nepal's rapidly changing agrarian landscape. *Agriculture and Human Values*. 34:573-589.
- 21) **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.
- 22) Devkota R., K. Khadka, H. Gartaula, A. Shrestha, D. Upadhyay, **P. Chaudhary** and K. Patel 2015. Farmers' seed networks and agrobiodiversity conservation for sustainable food security: A case from the mid-hills of Nepal. *Biodiversity Watch*, 4:109-133.
- 23) Pudasaini R., **P. Chaudhary**, R. B. Rana and S. Manandhar 2015. Integrated home garden for building resilience of migrant families in Nepal. *Biodiversity Watch*, 4:151-166.
- 24) Khanal S, S. B. Gurung, K. K. Pant, **P. Chaudhary** and D.R. Dangol 2014. Ecosystem services and stakeholder analysis in Bishajari lake and associated wetland areas, Chitwan, Nepal. *Int J Appl Sci Biotechnol*, Vol 2(4): 563-569.
- 25) Innocent D, L. Y. Loko, A. Adjatin, A. Dansi, M. Elangovan, **P. Chaudhary**, R. Vodouhè and A. Sanni 2014. Diversity, genetic erosion and farmer's preference of sorghum varieties [Sorghum bicolor (L.) Moench] in North-Eastern Benin. *Int.J.Curr.Microbiol.App.Sci*. 3(10): 531-552.
- 26) Panta L. P., K. KC, E. Fraser, P. K. Shrestha, A. Lama, S. K. Jirel and **P. Chaudhary** 2014. Adaptive transition management for transformations to agricultural sustainability in the Karnali mountains of Nepal. *Agroecology and Sustainable Food Systems*, 38:1156–1183.
- 27) Gartaula HN, **P. Chaudhary** and K Khadka 2014. Land redistribution and reutilization in the context of migration in Rural Nepal. *Land* 2014, 3, 541-556.
- 28) Chhetri N., **P. Chaudhary**, P. R. Tiwari and R. B. Yadaw 2012. Institutional and technological innovation: Understanding agricultural adaptation to climate change in Nepal. *Applied Geography*, 33: 142-150.
- 29) Chhetri N. and **P. Chaudhary** 2011. Green Revolution: Pathways to Food Security in an Era of Climate Variability and Change? *Journal of Disaster Research*, 6: 486-497.
- 30) **Chaudhary P.**, S. Rai, S. Wangdi, A. Mao, N. Rehman, S. Chettri, K. S. Bawa 2011. Consistency of local perceptions of climate change in the Kangchenjunga Himalaya Landscape. *Current Science*, 101(4): 504-513.
- 31) **Chaudhary P.** and K.S. Bawa 2011. Local perceptions of climate change validated by scientific evidence in the Himalayas. *Biology Letters*, 7(5): 641-643.
- 32) Shrestha U. B., S. Shrestha, R. P. Chaudhary and **P. Chaudhary** 2010. How representative is the current protected areas system of Nepal? A gap analysis based on geophysical and biological features. *Mountain Research and Development*, 30(3):282-294.
- 33) **Chaudhary P.** 2010. Need-based and bottom-up approach for crop improvement. *Science E-Letter*, <http://www.sciencemag.org/cgi/eletters/327/5967/818>.
- 34) Aryal K. P, **P. Chaudhary**, S. Pandit and G. Sharma 2009. Consumers' willingness to pay for organic products: a case from Kathmandu valley. *Journal of Agriculture and Environment*, 10:12-22.
- 35) **Chaudhary P.** and K. P. Aryal 2009. Global warming in Nepal: Challenges and policy implications. *Journal of Forest and Livelihood*, 8(1):4-13.
- 36) Rana R. B., C. J. Garforth, B. R. Sthapit, A. Subedi, **P. Chaudhary** and D. I. Jarvis 2007. On-farm management of rice genetic diversity: understanding farmer's knowledge on rice ecosystems and varietal deployment. *Plant Genetic Resources Newsletter*, 152:58-64.
- 37) **Chaudhary P.** 2007. Global and local conservation priorities. A Letter to Science. *Science*: 318:1378.
- 38) Bishokarma B. K., C. K. Kinsey, D. R. Dangol and **P. Chaudhary** 2005. Folk use of plant resource in Madi valley of Chitwan District, Nepal. *Banko Jankari: The Journal of Forestry*, 15(2):43-48.
- 39) Baniya B. K., R. K. Tiwari, **P. Chaudhary**, S. K. Shrestha and P. R. Tiwari 2005. Planting materials seed systems of finger millet, rice and taro in Jumla, Kaski and Bara districts of Nepal. *Nepal Agriculture Research Journal*, 6:39-48.
- 40) Gauchan D., M. Smale and **P. Chaudhary** 2005. Market-based incentives for conserving diversity on-farm: the case of rice landraces in Central Terai, Nepal. *Genetic Resources and Crop Evolution*, 52:293-303.

- 41) **Chaudhary P.**, D. Gauchan, R. B. Rana, B. R. Sthapit and DI Jarvis 2004. Potential loss of rice landraces from a terai community of Nepal: a case study from Kachorwa, Bara. *Plant Genetic Resources Newsletter*, 137:14-21.
- 42) Subedi A., **P. Chaudhary**, B. K. Baniya, R. B. Rana, R.K. Tiwari, D.K. Rijal, B.R. Sthapit and D.I. Jarvis 2003. Who Maintains crop genetic diversity and how? Implications for On-farm conservation and utilization. *Culture and Agriculture*, 25:41-50.
- 43) Bhandari P., **P. Chaudhary**, P. R. Tiwari and S. L. Shrestha 1997. The Naik system: hired labor mobilization in rice transplantation in Western Chitwan. *Journal of Agriculture and Animal Science* 17-18:65-70.

Book chapters and Discussion papers

- 1) Chaudhary S, BR Adhikari, **P Chaudhary**, T Dorji and R Poudel 2020. Ecosystem-based Adaptation (EbA) in the Hindu Kush Himalayas: Status, progress and challenges. GADRI Book Series Edited Volume on "Ecosystem-Based Disaster and Climate Resilience Integration of Blue-Green Infrastructure in Sustainable Development". Springer Japan.
- 2) **Chaudhary P** and K Aryal 2019. NGO role in promoting neglected and underutilized crops in Nepal. Nepal Agriculture. Joshi BK and R Shrestha, (eds.). Working Groups of Agricultural Plant Genetic Resources (APGRs) in Nepal. Proceedings of National Workshop, 21-22 June 2018, Kathmandu; NAGRC, NARC, Nepal.
- 3) Gurung TB, **P Chaudhary** and KP Bhatta 2019. Restoring Rupa lake fisheries and rural livelihoods through rights-based inclusive governance, In *Securing sustainable small-scale fisheries: sharing good practices from around the world*, Westlund L and Zelasney J (Eds.) FAO Fisheries and Aquaculture Technical Paper 644, Pp:51-64.
- 4) Mishra A. et al. 2019. Adaptation to climate change in the Hindu Kush Himalaya: stronger action urgently needed. In *The Hindu Kush Himalaya Assessment Mountains, Climate Change, Sustainability and People*, Wester P, A Mishra, A Mukherji and AB Shrestha (eds.), Pp:457-490.
- 5) Chaudhary BR, G Acciaioli, W Erskine, **P Chaudhary** 2018. Vulnerability of the Tharu indigenous people to climate change in Western Terai of Nepal. In *Towards Sustainable Development*, Pp: 80-93. Hanoi Forum.
- 6) Joshi BK, AK Acharya, D Gauchan and **P Chaudhary** 2017 (Editors). The state of Nepal's biodiversity for food and agriculture. Ministry of Agricultural Development, Government of Nepal, Kathmandu.
- 7) Poudel B., R.C. Khanal, A. KC, K. Bhatta and **P. Chaudhary** 2017. Climate-smart agriculture in Nepal: Champion technologies and their pathways to scale-up. CDKN, LI-BIRD and CCAFS. Joshi B.K., **P. Chaudhary**, D. Upadhy and R. Vernooy (editors) 2016. Implementing the International Treaty on Plant Genetic Resources for Food and Agriculture in Nepal: achievements and challenges. Ministry of Agricultural Development (MoAD), Nepal Agricultural Research Council (NARC) and LI-BIRD.
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Manuscripts Reviewed

Applied Geography, Regional Environmental Change, International journal of Commons, Ambio, World Development, Ecological Complexity, Mountain Research and Development, Ecology and Society, Environmental Planning A, Climate Risk Management, Environmental Development, Nepal Journal of Environmental Science, Sage Open, African Journal of Agricultural Science, Agriculture and Food Security, Climate Change, Journal of Herbal Medicine, Climate and Development, Journal of Nepal Agricultural Research Council, and Dhaulagiri Journal of Sociology and Anthropology.

Thesis Co-supervision and Mentoring

Name	Degree	Started	Finished	Title of thesis
Jib Nath Sharma	MSc	2011	2013	Study of transplanting dates on drought resistant rice cultivars in Western Terai
Subodh Khanal	MSc	2011	2013	Impact assessment of climate change on ecosystem services generated by Bis Hajar lake and associated wetland areas, Nepal
Pratima Paudel	MSc	2012	2014	Vulnerability of disaster risk and community response to it in the Eastern Hills of Nepal
Anand Gazmer	PhD	2009	2018 (Dropped)	Response of socio-ecological systems to climate change in temperate and sub-alpine zones of Darjeeling Himalaya
Anandita Dhakal	MSc	2018	2019	Comparative study of methane emission through enteric fermentation in improved and local cattle breeds in Nepal's Terai

Buddhi Chaudhary	PhD	2017	2022	Impact of climate change on water resources and its consequences on biodiversity and agriculture in Nepal
Sabita Nepal	MSc	2021	2022	Methane emissions from buffalo in the Chitwan and Kavre districts, Nepal
Narayan Gyawali	PhD	2017	2023	Building community resilience to flood-led disaster in Gandaki River Basin of Nepal
Sujata Regmi	MSc	2021	2023	Water-centric adaptation strategies for drought risk management in agriculture - a case study of drought hotspots in Nepal