

Agriculture and Forestry University (AFU)
Rampur, Chitwan, Nepal
At present:
Gandaki University, Kaski, Pokhara, Nepal

Curriculum Vitae



NAME	POSITION/TITLE
Naba Raj Devkota, Ph.D	Professor and Director of Research and Extension

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Massey University, New Zealand	Ph.D (Pastoral Sc.)	2000	Pastoral Science
Chiang Mai University, Thailand	M.Sc. Ag	1993	Agri. Systems/An.Sc
Tribhuvan University, IAAS, Nepal	B.Sc. Ag (Animal Sc.)	1986/87	Animal Sc. Elective

A. Positions and Honors

Positions and Employment:

10-2020-present **Vice-Chancellor**, Gandaki University, Kaski, Pokhara, Nepal
 12-2012-present **Professor of Animal Science** at Agriculture and Forestry University, (AFU) Chitwan
 2011-02-2012 **Professor of Animal Science** at Tribhuvan University, Institute of Agriculture and Animal Science (IAAS), Rampur, Chitwan, Nepal
 1986-2010 Associate Professor, Lecturer, Assistant Lecturer, (Animal Sc.) IAAS, TU.
 2001-2010 Director, Deputy Director. Directorate of Research and Publication, IAAS/TU, Nepal.
 2001-2003 Chair, Department of Animal Nutrition and Fodder Production, IAAS/TU, Nepal.
 2008-2010 Editor, In-Chief-*Journal of Institute of Agriculture and Animal Science*.
 2001-2007 Member of Editorial Board *Journal of Institute of Agriculture and Animal Science*.
 2017 to date Member of Editorial Board-Global Journal of Agriculture and Allied Sciences

Director, Directorate of Research and Extension at Agriculture and Forestry University, AFU, Chitwan, Nepal since **20 December 2012 to 01 October 2020** (Poush 5, 2069 to Aswin 15, 2077). Main responsibilities include manage, facilitate and organize university research and extension covering agriculture, livestock and forestry domain and faculties at AFU. Jobs also include bilateral and multilateral as well as international level research facilitation inside the country and across the globe

Editor In Chief: Journal of Agriculture and Forestry University, (JAFU) 2016 to 2020
Editor Member of Editorial Board-Global Journal of Agriculture and Allied Sciences-2017 to date
Technical Editor: Nepalese journal of Agricultural Sciences, 2018 to 2019
Advisor: Nepal Journal of Biotechnology, A scientific Journal of the Biotechnology Society of Nepal (ISSN 2091-1130; eISSN 2467-9319); June 2020 to date

Professional Memberships and Honors:

Nepal Animal Science Association, Nepal;
British Society of Animal Science (BSAS),
Nepal University Teachers' Association/TU/AFU
The New Zealand Grassland Association, Natural History Society Museum,
Agricultural Concern Society (ACOS), Nepal
Association of Nepalese Agricultural Professionals in America (NAPA): Associated Member

- Ph.D. Scholarship award, Ministry of Foreign Affairs and Trade, Government of New Zealand (1996-2000).
- M.Sc study scholarship, by the Ford Foundation through Multiple Cropping Centre (MCC), Chiang Mai University, Thailand.
- General Merit scholarship awarded by the Tribhuvan University, Nepal to pursue undergraduate study at IAAS, Rampur Campus, Nepal.
- Awarded MAHENDRA VIDYA BHUSAN "KA" and "KHA", (Gold medal given to the PhD holder, and first class first student in Master level of study, respectively) by His Majesty of Government, the Ministry of Education and Sports, Nepal.
- Best teacher award, 2010, TU, Nepal
- Long Time Service at University Award, 2016

B. Selected Peer-Reviewed Publications (List 2009 to present)

- 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.
- Khanal, B., **N.R. Devkota**, M.R. Tiwari and N.A. Gorkhali. 2020. Maximizing Fodder yield of Teosinte (*Euchlaena mexicana*) through sowing dates and mixed fodder cropping management. **Journal of Agriculture and Forestry, University** 4:269-278.
- Dangi, S., S. R. Barsila, B. Sapkota, B. Devkota, N. R. Devkota & T. Ayaşan. 2020. Herbage Mass Productivity and Composition of Weeds in the Mixed Forage Maize-cowpea Field. *Asian Journal of Crop Science*, Vol. 12: 57-62. DOI: [10.3923/ajcs.2020.57.62](https://doi.org/10.3923/ajcs.2020.57.62)
- Bishwakarma, BK., Upreti, BR., Devkota, D, and **Devkota NR**. 2020. Impacts of Sectoral Restructuring on Agricultural Service Delivery in Nepal. **International Journal of Agricultural Education and Extension (IJAEE)**. 6(2):392-404. www.premierpublishers.org. ISSN: 2167-0432.
- Pandit, R., D. Devkota., **Naba R. Devkota.**, P.C. Bhattarai & H.K. Shrestha. 2020. *Agriculture Science and Technology*, Vol. 12. No. 2: 178-188. Trakia University, Bulgaria. ISSN: 1314-412X (on line). [http://www. Agriscitech.eu](http://www.Agriscitech.eu). DOI: 10.15547/ast.2020.02.030
- Sapkota, S., M. Kolakshyapati, **N. Devkota**, N. Bhattarai & N. Gorkhali. 2020. Selective Breeding to Improve Productive and Reproductive Performances and Survivability of Indigenous Sakini Chicken. *Journal of Nepal Agricultural Research Council*, 6, 62-69. <https://doi.org/10.3126/jnarc.v6i0.28116>
- Devkota, D., S. Dhakal., S.K. Khatri & **N.R. Devkota**. 2019. Farmer's perception on vulnerability of cropping pattern and adaptive mechanism in Panchthat and Chitwan, Nepal. **Journal of Agriculture and Forestry University** 3 :11-23.
- Dhakal, B., S. Subedi., B. Khanal & N.R. Devkota. 2019. Assessment of major feed resources and its utilization in Manaslu Conservation Area (MCA), Nepal. **Journal of Agriculture and Forestry University** 3 :133-143.
- Ghimire, R.P., **N.R. Devkota.**, D. Devkota, & M.P. Sharma. 2019. Response of irrigation and plant bio-regulators spray on seed yield and quality of Egyptian clover (*Trifolium alexandrinum* L.). **Journal of Agriculture and Forestry University** 3 :151-158.

Biographical sketch

- Upreti, R., A.K. Shrestha, K.M. Tripathi., B. Shrestha., N. Krakauer., N.R. Devkota., P.K. Jha and P. Thapa. 2019. Effect of Fruit Thinning and Defoliation on Yield and Quality of papaya (*Carica papaya*) CV. Red Lady in Chitwan. *Acta Scientific Agriculture* (ISSN: 2581-365X). VOL: 3, 4 (2019): 130-136.
- Barsila, S.R., T.N. Poudel., M.S. Dhimi., S. Poudel., B. Shrestha., M. Sharma and N.R. Devkota. 2018. Herbage mass productivity and chemical composition of the riverine grasslands as affected by site and time of harvest in a continuously stocked conditions. *Nepalese journal of Agricultural Sciences*. 17: 183-190. ISSN 2091-042X; e ISSN 2091-0428
- Devkota, D., I.P. Kadariya., A. Khatri-Chhetri and N.R. Devkota. 2018. Assessment of gender involvement and decisions in agriculture activities of rural Nepal. **Journal of Agriculture and Forestry University**, 2:45-52.
- Bhatt, K., N.R. Devkota., I.C.P. Tiwari and S.R. Barsila. 2018. Changes in physiological and metabolic parameters of sheep (*Ovis aries*) during transhumance at Western Himalayan pastures. **Journal of Agriculture and Forestry University**, Vol 2: 171-175.
- Chaudhari, S. And N.R. Devkota. 2018. Determining chemical constituents of the selected rangeland to help improve feed quality under the context of climate change in the districts of Gandaki river basin. **Journal of Agriculture and Forestry University**, Vol 2: 183-189.
- Dangi, S., N.R. Devkota and S.R. Barsila. 2018. Productivity and chemical composition of oat-legumes mixtures, and legume monoculture in Southern sub-tropical plains, Nepal. **Journal of Agriculture and Forestry University**, Vol 2: 191-198.
- Sah, B., N.R. Devkota and S. Chaudhari. 2018. Situation analysis of dry matter availability and its consequences during winter season to the buffalo in relation to climate change: An evidence from Gandaki river basin, Nepal. **Nepalese Journal of Agricultural Sciences**, 16:67-77. ISSN: 2091-0428.
- S. Marquardt., S.R. barsila., L. Amelchenka., N.R. Devkota., M. Kreuzer and F. Leiber. 2018. Fatty acid profile of ghee derived from two genotypes (cattle-Yak vs Yak) grazing different alpine Himalayan pasture sites. **Journal of Animal production Science**, 58:358-368. <http://dx.doi.org/10.1071/AN16111>, CSIRO PUBLISHING.
- Terra R. Kelly., A.B. David., N.P. Joshi., D. Grooms., D. Devkota., Naba. R. Devkota., L.N. Paudel., A.Roug., D.J. Wolking. 2018. Awareness and Practices Relating to Zoonotic Diseases among Smallholder Farmers in Nepal. *EcoHealth*. <https://doi.org/10.1007/s10393-018-1343-4>.
- Bhandari, G., S. K. Jha., Y.P. Giri., H.K. manandhar., P.K. jha., N.R. Devkota., P. Thapa and R.B. Thapa. 2017. Performance evaluation of locally developed black light trap for maize insects monitoring in Chitwan, Nepal. **Journal of Maize research and Development**. 3 (1):98-107. ISSN: 2467-9291 (print), 2467-9305 (on line). DOI: <http://dx.doi.org/10.3126/jmrd>. V3i1.18926.
- Devkota, N.R. R.P. Ghimire, D.P. Adhikari, C.r. Upreti, L.N. Poudel and N.P. Joshi. 2017. Fodder productivity of Teosinte (*Euchlaena mexicana* Schard) at different sowing dates in Western mid-hills of Nepal. **Journal of Agriculture and Forestry University**, Vol I: 129-137.
- Upreti, S. and N.R. Devkota. 2017. Ranking of fodder tree species and their biomass production in the hills and mountain of Nepal. **Journal of Agriculture and Forestry University**, Vol I: 171-179.
- Sapkota, S., M.R. Kolachhapati, N.R. Devkota, N.A. Gorkhali and N. Bhattarai. 2017. Evaluation of egg laying and egg quality parameters of local chicken Sakini (*Gallus gallus domesticus*) of Nepal. **Journal of Agriculture and Forestry University**, Vol I: 181-188.
- Bhattacharjee, A., J.D. Anadon., D.J. Lohman., T. Doleck., T. Lakhankar., B.B. Shrestha, P. Thapa., **D. Devkota.**, S. Tiwari., A. Jha., M. Siwakoti., **N.R. Devkota.**, P.K. Jha and N. Y. Krakauer. 2017. The impact of climate change on biodiversity in Nepal: Current knowledge, lacunae, and opportunities. **Climate**, 2017, 5, 80; doi:10.3390/cli5040080. www.mdpi.com/journal/climate.
- Upreti, S. And N.R. Devkota. 2017. The nutrient composition and nitrate content of ranked fodder tree species in the hills and mountain of Nepal. **Nepalese Journal of Agricultural Sciences**, 15:48-54 ISSN: 2091-0428.

Biographical sketch

- Khanal, B., B.R. Baral., M.R. Tiwari and N. Devkota. 2017. Evaluation of different varieties of oat at high hill of Rasuwa district, Nepal. **Nepalese Journal of Agricultural Sciences**, 15:75-85. ISSN: 2091-0428
- N. Bhattarai, M.R. Kolachhapati., **N.R. Devkota.**, U.C. Thakur, and S.P. Neopane. 2016. Effect of non-genetic factors on average daily gain in the kids of Nepalese Hill goats (*Capra hircus* L.) in Nawalparasi, Nepal. **Nepalese Journal of Agricultural Sciences**, 14:190-199; ISSN: 2091-0428
- Devkota, N.R., P. Pokharel, L.N. Poudel., C.R. Upreti and N.P. Joshi. 2015. Performance of teosinte (*Euchlaena mexicana*) as a promising summer forage crop in respect to location and sowing dates considering the scenario of possible climate change in Nepal. **Nepalese Journal of Agricultural Sciences**, 13:131-141; ISSN: 2091-0428
- Devkota, N.R., C.R. Upreti., L.N. Poudel. and N.P. Joshi. 2015. Production potentials of oat (*Avena sativa*) varieties in combination with legumes at farmers' field condition. **Nepalese Journal of Agricultural Sciences**, 13:142-150; ISSN: 2091-0428
- Devkota, D., N.R. Devkota and N.P. Joshi. 2015. Gender role and buffalo rearing decisions in Nepal. **Nepalese Journal of Agricultural Sciences**, 13:176-193; ISSN: 2091-0428
- Barsila, S.R., **Naba R. Devkota**, M. Kreuzer, and S. Marquardt. 2015. Effects of different stocking densities on performance and activity of cattle × Yak hybrids along a transhumance route in the Eastern Himalaya. **Springer Plus** 4:398. DOI 10.1186/s40064-015-1175-4
- Barsila, S.R., M. Kreuzer, **N.R. Devkota.**, L. Ding and S. Marquardt. 2014. Adaptation to Himalayan high altitude pasture sites by yaks and different types of hybrid of yaks with cattle. **Livestock Science**. 169 (2014):125-136. <http://dx.doi.org/10.1016/j.livsci.2014.09.004>
- Barshila, S.R. I. Barshila and **Naba R. Devkota** 2014. Transhumant migration of Baruwal sheep (*Ovis aries*): A case study from the Kanchenjunga Conservation Area of Nepal . Paper accepted to publish in the **Africal Journal of Agricultural Research**.
- Barshila, I., **Devkota, N.R.** and Barsila, S.R. 2013. Perception of Smallholder Farmers on Fodder Tree Utilization and Management for Livestock Production in the Mid-Hills of Nepal. **Journal of Animal Production Advances** 3(10):290-300. DOI 10.5455/Japa.20131024090127. ISSN: 2251-7693. www.gjournals.com
- Ghimire, R.P., **Naba R. Devkota** and M.R. Tiwari. 2013. Seasonal productivity of *Flemingia macrophylla* under different defoliation frequencies. **Global Journal of Science Frontier Research (D)**. Vol.XIII, Issue XIV, pp: 13-18.
- Barsila, S.R., **Naba R. Devkota** and I. Barshila. 2013. Persistency of common fodder grasses under *Melia azedarach* based silvipastoral system. **Global Journal of Science Frontier Research. Agriculture and Veterinary**. Vol. 13, issue, 9, version 1. ISSN. 2249-4626 and Print ISSN, 0975-5896. PP 13-20.
- Barshila, I. and **Naba Raj Devkota**.2013.Botanical composition and herbage mass estimation in relation to quality status of Mauma Kharka (rangeland) in the Taplejung district, Nepal. **Global Journal of Science Frontier Research Agriculture and Veterinary**. Volume 13, Issue 5, Version 1.0, Year 2013. Type: Double Blind Peer Reviewed International Research Journal. Publisher: **Global Journal Inc. 9USA**). On Line ISSN: 2249-4626 and Print ISSN: 0975-5896 Pp 55-60.
- S.R. Barsila, M. Kreuzer, **N.R. Devkota**, S. Marquardt. 2012. Yaks and their crossbreds: Performance at two different altitudinal pastures in the Himalayan Mountains of Nepal. M. Kreuzer, T. Lanzini, A. Liesegang, R. Bruckmaier, and H.D. Hess, Hrsg. (eds.). **Feed for Health, Tagungsbericht**, 3 Mai, 2012; ETH-Schriftenreihe Zur Tierernahrung, Band 35. ISBN: 978-3-906466-35-3
- Kumagai, H, B.R. Baral, T. Shino, **Naba R. Devkota**, K. Oishi, H.Hirooka, M.R. Kolachhapati, I.C.P. Tiwari. 2012. Effects of plane of nutrition on growth, feed intake, digestibility and nitrogen balance in Murrah graded male buffalo (*Bubalus bubalis*) calves in Nepal. **Animal Science Journal** 83:50-54. Doi. 10.1111/j.1740-0929.2011.00928.X
- Barsila, S.R. Barsila, **N.R. Devkota**, F. Leiber, M. Kreuzer and Svenja Marquardt – Zürich.2012. Performance of yaks (*Bos grunniens*) on high altitude alpine pastures in Eastern Nepal (Leistung von Yaks (*Bos grunniens*) auf hochalpinen Weiden in Ostnepal). **Proc. Soc. Nutr. Physiol.** (2012) 21
- Kumagai, H, B.R. Baral, T. Shino, **Naba R. Devkota**, K. Oishi, H.Hirooka, 2011. Effects of plane of nutrition on slaughtering traits and meat characteristics in Murrah graded male buffalo (*Bubalus bubalis*) calves in Nepal. **Animal Science Journal**. Doi. 10.1111/j.1740-0929.2011.00970.X
- Chhetri D.K., D.B. Nepali Karki, R. Sah and **N.R. Devkota**. 2011. Transhumance effect on husbandry practices and physiological attributes of Chauri (Yak-cattle) in Rasuwa district. *Our Nature*, 9:128-137.
- Devkota N.R., M. R. Kolachhapati, N. Bhattarai and R. Shrestha. 2010. "Climate Change and its

Biographical sketch

Possible Consequences to the Livestock Species from Adaptation Perspectives.” Paper Presented at the Consultative Technical Workshop on Climate Change: Livestock Sector Vulnerability and Adaptation in Nepal, 28-29 October, 2010. Jointly organized by NARC, ILRI, Heifer International and MoAC, Himalayan Hotel, Lalitpur, Kathmandu (Proceeding under preparation).

Devkota, N.R. 2010. “Livestock Husbandry and Change in Climate (in Nepali).” **Hamro Sampada**, National Monthly Magazine, Year 10 (No.1):5-7. Published and Edited by Shyam Kumar Basnet, Hydal Press (P.Ltd), Kathmandu, Nepal.

Devkota, N.R., M.R. Kolachhapati and N. Bhattarai. 2009. Rangeland Productivity, Herders’ Livelihood and Challenges: Evidences from Sankhuwasabha District, Nepal. **J. Inst. Agric. Anim. Sci.** 30:213-224.

Regmi, P.R. and **N.R. Devkota**. 2009. “Effects of Nitrogen Fertilization and Cutting Height on the Forage Yield and Feeding Value of *Elusine indica* in the Dry Season in Nepal.” **Journal of Weed Biology and Management** 9: 106-111.

† Graduate student I supervised.

1. First: 25
2. Second:35 (including 6 Ph.D. students)

Publication summary 2009-2020

Career total in parenthesis

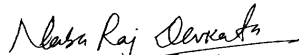
- X book chapters (8)
- X refereed journal articles (95)
- X refereed proceedings (5)
- X refereed abstracts (None)
- X invited papers (none)
- X non-refereed, pertinent publications (28)
- Total = X (136)

Current Research Project: Internal funded: (UGC/NARDF) 2
 External funded: (INNOTAL / EU; FAO) 3

Contact: Prof. Naba Raj Devkota, PhD
 Vice-Chancellor
 Gandaki University, Kaski, Pokhara, Nepal
 E-mail: [nabadevkota.gandaki@gmail.com/](mailto:nabadevkota.gandaki@gmail.com) nabadevkota.aafu@gmail.com/
 Web: gandakiuniversity.edu.np
 Cell: 00 977 9851194684
 Land Line: 00 977 56 592449 (O), 591273 (R)

PROCLAMATION

I assure with full responsibility that the information provided above are true to the best of my knowledge and belief.



Prof. Naba Raj Devkota, PhD

.....
Name and Signature