

CURRICULUM VITAE



PERSONAL HISTORY

First Name	Last Name	Date of Birth	Sex	Nationality
Krishna Prasad	Devkota	18-06-1974	Male	Nepali

PERMANENT HOME ADDRESS

Street/Ward	City/Village	District	Postal Code	Country	Telephone
Ward No. 3	Pandrung, Jarang	Gorkha	NA	Nepal	00977-9841817386

MAILING ADDRESS

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Marital status: Married

Present Occupation: Junior Researcher, ZEF/UNESCO Khorezm Project, University of Bonn, Center for Development Research (ZEF), Germany

ACADEMIC QUALIFICATION

S. N.	University/Institution	Duration	Degree/Diploma	Grade/Result	Major Subjects
1	University of Bonn, Center for Development Research (ZEF), Germany	Ongoing	Ph D (Agriculture)		Crop science and modelling
2	Tribhuvan University, Institute of Agriculture and Animal Sciences, Rampur Campus, Chitwan, Nepal	2000-2002 (2 years)	M. Sc. Agriculture (Agronomy)	Distinction (87.4%)	Agronomy, Experimental Agriculture, Statistics for Biological Science, Soil Fertility and Plant Nutrition, Crop Physiology etc
3	Tribhuvan University, Institute of Agriculture and Animal Sciences, Rampur Campus, Chitwan, Nepal	1995-1999 (4 years)	B. Sc. Agriculture	Distinction (81%)	Agronomy, Horticulture, Plant Breeding, Biotechnology, Statistics, Soil Science etc
4	Tribhuvan University, Institute of Agriculture and Animal Sciences, Lamjung Campus, Lamjung, Nepal	1991-1993 (2 years)	I. Sc. Ag.	First (69.6%)	Agronomy, Horticulture, Animal Science, Physics, Chemistry, Zoology, Botany
5	Ministry of Education and Sports, HMG/Nepal	1980-1990 (10 years)	S. L. C.	Second (59.4%)	High school courses

Masters thesis: Sustainability of Rice-Wheat Cropping System under Different Spring Season Crop's Residue Incorporation and Nitrogen Management.

AREA OF EXPERTISE/SPECIALIZATION

- Conservation agriculture in rice, wheat and cotton and crop modeling
- Participatory research approaches: participatory crop improvement (PCI), participatory plant breeding (PPB), participatory variety selection (PVS), participatory technology development (PTD), community based seed production (CBSP) and several other participatory research approaches and methodologies
- Cropping and farming system research
- Systems analyses of agro-ecosystem, soil fertility and agro forestry for natural resource management (NRM)
- Developing project concept notes (PCNs) and proposals
- Special expertise in data analysis using various statistical softwares

PROJECTS WORKED AS TEAM LEADER AND PROFESSIONAL MEMBER

- ‘Participatory crop improvement (PCI) and participatory technology development (PTD) for high potential production system (HPPS) of Nepal phase II (2000-2005); & ‘participatory plant breeding (PPB) in high potential production systems—validating PPB products, testing different breeding methods, developing appropriate technologies for those rice varieties and scaling-up of new rice varieties and technologies phase I (2000-2003) & phase II (2003-2006)’, projects funded by the Plant Science Programs of DFID, implemented by LI-BIRD at field level, and managed by Centre for Arid Zone Studies (CAZS), University of Wales, Bangor. Web: www.dfid-psp.org or www.libird.org
- Strengthening institutional capacity of farmer’s research committee (FRC) to promote farmer-led maize breeding in mid-hill region of western Nepal funded by PRGA-CIAT, Cali Colombia. Web: www.libird.org
- Food security through Rice Bean Research in India and Nepal (FOSRIN) funded by European Commission. Web: www.libird.org
- ‘Participatory improvement and appropriate technology generation of grain legumes for rainfed areas of Asia’ funded by IFAD. Web: www.libird.org
- Strengthening Community Based Seed Production and Scaling-up of Improved Maize Varieties in Gulmi District of Nepal’ funded by CIMMYT Hill Maize Research Programme (HMRP). Web: www.libird.org
- Community Biodiversity Management (CBM)-Nepal. Project funded by Development Fund-Norway. Web: www.libird.org
- ‘Participatory research on crop improvement and resource conservation technologies (RCTs) to increase productivity and sustainability of wheat based cropping systems in the Eastern Sub-Continent of South Asia: Nepal Component’ a regional project funded by CIMMYT International. Web: www.libird.org

Language proficiency: Can speak, read and write fluently English, Nepali, Hindi

Computer skills:

1. **Statistics:** MSTATC, MINITAB, SPSS, Genestat 7.2, Microsoft Excel,
2. **Crop Modeling and GIS:** Literate in APSIM, CropSyst and DISSATv4 and Arc GIS.
4. **Graphics and Word Processing:** Freelance Graphics, Microsoft word and skilled in operating email and internet.

PROFESSIONAL EXPERIENCE *(starting with the recent)*

SN	Period	Organization	Designation	Major Duties & Responsibilities
1	1 st January 2008 to date	University of Bonn, Germany ZEF/UNESCO Khorezm Project Web: http://www.uni-bonn.de/khorezm	Junior Researcher	Exploring water saving options in rice and wheat cultivation through experimental and modelling approach

2	18 August, 2002 to December 31, 2007	Local Initiatives for Biodiversity, Research and Development (LI-BIRD), Pokhara, Nepal	Agronomist/ Plant Breeder	Breeding and agronomic research work on on-farm experimentation on rice, wheat, maize and kidney bean
3	1 st July 2000 to 15 th July 2002	Cornell University, USA and Tribhuvan University, Institute of Agriculture and Animal Science, Directorate of Research and Publication (DORP), Rampur, Nepal	Research Assistant	Experimentation on sustainability of rice-wheat cropping system under different spring season crop's residue incorporation and nitrogen management
4	1 st January 2000- 31 June, 2000	SRDP/UNDP and Tribhuvan University, Institute of Agriculture and Animal Science, Directorate of Research and Publication (DORP), Rampur, Nepal	Research Assistant	'Maize based vegetable intercropping in mulberry alley cropping to study the economic feasibility and technical suitability' project funded by SRDP/UNDP implemented at two VDCs of Dhadhing districts of Nepal.

Other experiences:

- 1. Researcher:** Water Management Study Program (WMSP), DORP-IAAS, Rampur, Chitwan for 3 months. Involved in the team to study the impact of Irrigation Management Transfer Project (IMTP) at Panchakanya Irrigation System, Chitwan.
- 2. Statistician:** Hill Agriculture Research Project-DORP/IAAS, Rampur, Chitwan (4 months). Worked as Statistician to analyze data of two HARP/DFID funded projects (Citrus and Cucumber) implemented by Directorate of Research and Publication (DORP/IAAS) Rampur, Chitwan.

TRAININGS

SN	Certificate	Issuing body/Institute	Duration
1	Participatory approaches in genetic resource management	Wageningen International, the Netherlands	4-15 June 2007
2	Advanced approaches in participatory crop improvement	Wageningen International, the Netherlands	18-29 June 2007
3	Simulation modelling of agricultural systems, DSSAT v4	CRISO Land and Water Griffith, NSW, Australia and IAAS, Tribhuvan University, Rampur, Nepal	February, 2007
4	Strategic review and	Bioversity International and	3-8 th August 2004,

	proposal writing	LI-BIRD	Pokhara
5	Logical framework and program planning	HARP/NARC/ IDL Group, UK	23-28 th November 2003, Dhulikhel, Kathmandu

MEMBERSHIP

1. Life Member: Society of Agricultural Scientist, Nepal (SAS-N)
2. Member: Agronomy Society Nepal (ASON)
3. Member: Community Based Agriculture, Research and Development (C-CARD), Nepal
4. Member: Local Initiatives for Biodiversity, Research and Development (LI-BIRD), Mahendrapool, Pokhara, Nepal
5. Member: District Seed Co-ordination Committee 2006, Chitwan

AWARDS

1. **Mahendra Vidhya Bhausan Gold Medal-** from Nepal Government, Ministry of Education and sports being first class first in B. Sc. Agriculture in the batch 1995-1999 of Tribhuvan University.
2. **Research Fellowship-** from CRSP-Soil Management, Cornell University USA
3. **Merit Scholarship-** throughout Undergraduate Studies from IAAS/TU
4. **Merit Scholarship-** throughout Intermediate Studies IAAS/TU

References

1. Prof. Dr. John R. Witcombe. Manager DFID Plant Sciences Research Programme, CAZS Natural Resources, University of Wales, Bangor LL57 2UW
Email: j.r.witcombe@bangor.ac.uk
Tel: ++ 44 1248 382922, Fax: ++ 44 1248 371533
2. Dr. Pratap Kumar Shrestha, Executive Director, LI-BIRD, P. O. Box: 324 Gairapatan, Pokhara, Nepal, Tel: +977-61-526834/535357, Fax: +97761539956, Email: pshrestha@libird.org

Publications

I. Journal articles

- Devkota K. P.**, D. N. Yadav, N. K. Chaudhary, D. R. Dangol and K. B. Basnet. 2007. Influence of Spring Season Crop's Residues Incorporation on Productivity of Rice-Wheat Cropping System. J. Inst. Agric. and Animal Sci. (IAAS) Vol. 27, p67-74. www.nepjol.info/index.php/JIAAS/article/view/695/660
- Devkota, K. P.**, K. D. Joshi and J. R. Witcombe. 2008. Linking Community-Based Seed Producers to Markets for a Sustainable Seed Supply System. (Submitted in Euphytica).

II. Book chapters

- Witcombe J.R., D.S. Virk, K.A. Steele, A. Mottram, S. Gyawali, **K.P. Devkota**, A. Musa, C. Johansen and K.D. Joshi. 2007. Client-Oriented Breeding: A Better way of Describing Farmers' Participation in Plant Breeding. In: Crop Production in Stress Environments: Genetic and Management Options. D.P. Singh, V.S. Tomar, R.K. Behl. S.D. Upadhyaya, M.S. Bhale and D. Khare (eds). Jodhpur, Agrobios (International), 2007. ISBN 81-904309-0-4.
- Devkota K P.**, Shrestha P.K., Tripathi M.P., Joshi K. D and Witcombe J. R. 2008. Community-based seed production groups in Chitwan, Nepal. In: Farmers' varieties and seeds: Supporting informal seed supply in Ethiopia. Thijssen M. H., Bishaw, Z., Beshir A and W. S. de Boef (Eds). Ethiopian Seed Enterprises, ICARDA, Wageningen International, NUFFIC and Dutch Ministry of Agriculture, Nature and Food Quality. P263-271. ISBN 978-90-8585-215-5. www.cdic.wur.nl

III. Discussion papers

- Devkota K.P.**, Gyawali S., Subedi A., Witcombe J.A.D. & Joshi K.D. 2005. Adoption study of main season rice in Chitwan and Nawalparasi districts of Nepal from 2001 to 2002. Discussion paper no. 6. Wales, Bangor: CAZS-Natural Resources, University of Wales. <http://www.cazs.bangor.ac.uk/ccstudio/Library/publications/DiscussionPaper/Discussion6.pdf>
- Joshi K D, Biggs S, Gauchan D, **Devkota K P**, Devkota C. K., Shrestha P K and Sthapit B R. 2006. The evolution and spread of socially responsible technical and institutional changes in a rice innovation system in Nepal Discussion Paper 8, Wales, Bangor: CAZS-Natural Resources, University of Wales. <http://www.cazs.bangor.ac.uk/ccstudio/Library/publications/DiscussionPaper/Discussion8.pdf>

IV. Varieties released

- Witcombe J. R, **K. P. Devkota**, M. P. Tripathi, S. Gyawali, M Subedi, P. K. Shrestha, B. N. Chaudhary, R. B. Yadav, M. Yadav, D. Chaudhary, A.P. Gautam, T. Akhtar,

- S. P. Khatiwada, N P Adhikari, K. Chapagain and K. D. Joshi. 2008. A Proposal for the Release of an Aromatic Rice Variety Suanulo Sugandha (A rice variety developed using client-oriented breeding (COB) approaches). National Seed Board, Ministry of Agriculture and Co-Operatives, Nepal Government. <http://www.cazs.bangor.ac.uk/ccstudio/Library/publications/ReleaseProposals/SuanuloSugandha.pdf>
- Gyawali S., J. R. Witcombe, K. D. Joshi, **K. P. Devkota**, M. P. Tripathi, M. Subedi, S. Sunuwar, B. N. Chaudhary, D. Chaudhary, N.P. Adhikari, T. Akhtar, R. B. Yadav, S. P. Khatiwada, D. Subedi and H.D. Mishra. 2006. A proposal for the release of rice variety Barkhe 3004 (A rice variety developed using client-oriented breeding (COB) approaches). National Seed Board, Ministry of Agriculture and Co-Operatives, Nepal Government. <http://www.cazs.bangor.ac.uk/ccstudio/Library/publications/ReleaseProposals/Barkhe3004.pdf>

V. Proceedings

- Devkota K. P.** 2002. Sustainability of Rice-Wheat Cropping System under Different Spring Season Crop's Residue Incorporation and Nitrogen Management. M. Sc. Thesis. Institute of Agriculture and Animal Science, Rampur, Chitwan, Nepal.
- Devkota K. P.** and Tripathi M. P. 2004. On-Farm Seed Priming on Wheat, Maize, Upland rice, Lentil and Blackgram: LI-BIRD Experiences. Fourth National Conference on Science and Technology. March 23-26, 2004, Royal Nepal Academy of Science and Technology (RONAST), Kathmandu, Nepal. (Neupane F.P. et al., eds)
- Devkota K. P.,** Yadav D. N., Dangol D. R. and Basnet K. B. 2004. Effect of Tillage, Crop Residue Incorporation and Rate of Fertilizer N Application in Rice-Wheat Cropping System in Eastern Nepal. Proc. 23rd National Summer Crop Workshop. Nepal Agriculture Research Council, Kathmandu.
- Devkota, K. P.,** Baral K. P., Gyawali S., Tripathi M. P., Subedi A., Gautam R., Joshi K.D., Sthapit B. R and Witcombe J. R. 2003. Scaling up of Participatory Variety Selection: LI-BIRD Experiences. Workshop on Uptake Pathways and Scaling up of Agricultural Technologies to Enhance Livelihoods of Nepalese Farmers. p 103-113. 23-24 September 2003. MoAC/NARC/NARDF/DFID-HARP.
- Devkota, K. P.,** M K. Wasti and D. N. Yadav. 2004. Economic contribution of rice-wheat cropping system under different spring season crop's residue incorporation and nitrogen management. Fourth National Conference on Science and Technology. March 23-26, 2004, Royal Nepal Academy of Science and Technology (RONAST), Kathmandu, Nepal (Neupane F.P. et al., eds)
- Devkota, K. P.,** S. Gyawali, A. Subedi, K. D. Joshi, J. R. Witcombe, P. Shrestha, A. Adhikari and M. P. Tripathi. 2003. Addressing Food Security and Biodiversity Conservation Through Participatory Crop Improvement in High Potential Production Systems (HPPS) of Nepal (Abstract). International Conference on Himalayan Biodiversity. Himalayan Resource Institute (HIRI), Biodiversity Research Group (BRG), Central Department of Zoology, Tribhuvan University, The Ecological Association of Nepal (ECOAN), Nepal Biotechnology Association (NBA). February 26-28 2003, Kathmandu, Nepal.

- Gyawali S., **Devkota K. P.**, Adhikari A., Bhandari B., Tripathi M., Gautam R. and Subedi A.. 2003. Findings of Participatory research to increase the productivity and sustainability of wheat cropping system in the eastern subcontinent of South Asia: Baseline report of project sites, Chitwan and Kaski, Nepal. LI-BIRD, Kaski, Nepal.
- Gyawali, S., A. Subedi, **K. P. Devkota**, R. B. Rana, D. K Rijal, P K Shrestha, A Subedi, M. Tripathi and B. R. Sthapit. 2003. Agro biodiversity Enhancement Through Participatory Research: LI-BIRD's Initiatives on Plant Genetic Resource (PGR) Management (Abstract). International Conference on Himalayan Biodiversity. Himalayan Resource Institute (HIRI), Biodiversity Research Group (BRG), Central Department of Zoology, Tribhuvan University, The Ecological Association of Nepal (ECOAN), Nepal Biotechnology Association (NBA). February 26-28 2003, Kathmandu, Nepal.
- Joshi K.D, A. Musa, C. Johansen, D. Harris, **K. P. Devkota**, S. Gyawali & J. R. Witcombe. 2005. Client-oriented breeding sparks a low-input green revolution in Bangladesh.
http://www.cazs.bangor.ac.uk/ccstudio/Library/publications/Glossy/POOP_Bangladesh.pdf
- Joshi KD, Biggs S, **Devkota KP** & Gyawali S. 2003. Delivering Impacts from Participatory Crop Improvement Projects in Nepal.
<http://www.cazs.bangor.ac.uk/ccstudio/Library/publications/AnnualReport/2003Highlight1.pdf>
- Joshi, K. D., S. Biggs, **K. P. Devkota**, S. Gyawali and J. R. Wictombe. 2003. Participatory Rice Improvement: A Successful Innovation System in Nepal. Proceeding: Uptake Pathways and Scaling up of Agricultural Technologies to Enhance Livelihoods of Nepalese Farmers. MoAC/NARC/NARDF/ DFID-HARP, Nepal. p113-127.
- Rosyara U. R., D. P. Poudel, **K. P. Devkota**, A. Adhikari, P. R. Poudel, S. Dahal and J. P. Dhakal (eds.). 2000. A Profile of Agricultural Graduates 2000. Institute of Agriculture and Animal Science, Rampur, Chitwan, Nepal.
- Witcombe J.R, Joshi K.D., Gyawali S, **Devkota K** & Subedi A. 2002. Impacts of participatory crop improvement in the low-altitude regions of Nepal www.dfid-psp.ac.uk
- Witcombe J.R., K.P. Devkota, D.S. Virk, K.B. Rawal, S.C. Prasad, V. Kumar and K.D. Joshi. 2008. Client-Oriented Breeding and Seed Supply. Farmers-First.
http://www.future-agricultures.org/farmerfirst/files/T3a_Witcombe.pdf

PROCLAMATION

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



Krishna Prasad Devkota