

Short CV - Bishal K Sitaula, Professor (updated September 2012)



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1. Experiences: 20 years of research/ teaching/supervision and international collaboration experiences at UMB and internationally in diverse ecological issues mainly focussed on the anthropogenic influences in soil water and air, land use and changes, carbon dynamics, land degradation, system analyses, environmental education, conflict, peace and development the other issues relevant for ecosystem management, atmospheric chemistry, global change and development. Field research experiences from Europe, Asia (Nepal, India, Pakistan, Sri Lanka, Bangladesh, and Afghanistan), Africa (Ethiopia, Kenya, Tanzania, Malawi) and Western Balkans through interdisciplinary research projects, and, through institutional collaboration, educational program and networking with national and international organization. Diverse administrative and institutional collaboration experiences including project coordination, contract management, financial management, project development, follow up of agreements, meetings, action plan, reporting and net working. Developed educational program and course curricula and created educational documentary film.

Few examples of specific experience include:

- Developed/coordinated/collaborated research and institutional collaboration project projects in Asia namely (1) Forest and Soil Restoration and Land Use Change Impacts on Carbon Pools and Fluxes in the Himalaya (2011-2014, NFR funded); (2) Development of Teacher Education Program in Global Environmental Change and Sustainable Development in Nepal (SIU/NORAD funded, 2006-2007) (3) Educational research and training for sustainable watershed management in Hills of Nepal (NUFU funded, 2003-2012) (4) Agricultural intensification impacts on soil, water and socio-economic condition in mid-hill watershed of Central Nepal (NORAD funded, 2003-2010) (5) Land use changes and forest/soil degradation effects on carbon sequestration in Nepal (NFR funded (2003-2006) (6) An Interdisciplinary Approach to analyse the Dynamics of Forest and Soil Degradation and to Develop Sustainable agro-Ecological Strategies for Fragile Himalayan Watersheds (EU funded 2002-2006), (7) Soil and forest degradation in marginalized agriculture of Nepal (NFR funded, 999-2002) involving institutions from eight countries (India, Pakistan, Nepal, Norway, The Netherlands and U.K., USA and Thailand), and one in Africa, namely "Triangular Institutional Collaboration Project between Ethiopia, India and Norway" (NORAD funded 1998-2006), and one in Western Balkans countries namely (1) " Education, Research and Training for Global Environmental Change and Sustainable Management of Natural Resources in Western Balkans " (2006-2010, SIU funded) and ; (2) Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans (2012-2015, UD funded) involving 12 institutions from 5 western Balkans countries.
- Developed and implemented regional educational program (two NOMA Master Program in Tribhuvan University (Conflict Peace and Development Studies, 2007-2013) and one in Kathmandu University Nepal (Environment Education and Sustainable Development, 2008-2013),) one teacher's training program at Kathmandu University. Developed two course curricula (EDS202 and EDS 260) in Global Environmental Change at Norwegian University of Life Sciences (UMB), and, participated in several educational projects (curricula development, teaching) in Asia and Africa and west Balkan countries. Participated in consultative expert meetings with senior academics in African universities on Mainstreaming Environment into University Education at UNEP and curricula development for Global Environment and development Studies (GEEDS).
- Published more than 90 research papers covering key natural resources (soil, water, air) including interdisciplinary work on land degradation, modelling based system analyses, fluxes of greenhouse gases, carbon sequestration and other soil/global pollution issues, majority of them in international journal with high citation index.
- Developed/collaborated more than 8 other international and interdisciplinary projects on soil and forest degradation, ecosystem nutrient cycling, fluxes of greenhouse gases important for bio-geo chemistry of Global Change including model development and GIS analyses of land use changes and modelling based system analyses (see extended CV).
- Established a network of scientists from Europe, Asia, Africa and USA and developed interdisciplinary research project on land degradation, carbon sequestration, greenhouse gases and watershed management for developing countries of South Asia, Africa and Western Balkans.
- Taught courses Global Environmental Change, Introduction Environmental Studies, Soil fertility and soil and water management and land degradation.
- Evaluated research proposals (SIDA, Research Council UK and Research Council of Norway) and refereed more than 22 papers submitted to international scientific journals.
- Main supervisor to three Ph.D. students in Development Studies at Noragric and co supervisor to four PhD students two at UMB and other institutions. Supervised several MSc students.
- Evaluated five PhD theses, three as an external expert and two as chairmen of PhD examination committee.
- Became member at the Research Council of Norway under the National Program Committee: Free project-Environment and Development (FRIMUF / STORFORSK), President of NRNA Norway, Vice-chair of IAHV Norway.
- UMB focal point and contact person for FK Norway (Fredskorpset, Norwegian peace-corps) for coordinating reciprocal exchanges of personnel between UMB and developing countries (Uganda, Nepal, Malawi)
- Fluent in English, Nepali and Hindi. Proficient in Norwegian

RECENT PUBLICATIONS

Refereed Journal articles-2012

1. Atreya, Kishor; **Sitaula B. K.**, Overgaard, Hans; Bajracharya Roshan M.; and Sharma, Subodh (2012). Knowledge, attitude and practices of pesticide use and acetylcholinesterase depression among farm workers in Nepal. *International Journal of Environmental Health Research*, 22(5):401-415.
2. Atreya, Kishor; **Sitaula B. K.** and Bajracharya Roshan M. (2012). Pesticide use in agriculture: The philosophy, complexities and opportunities. *Scientific Research and Essays*, 7(25):2168-2173.
3. Atreya, Kishor., Johnsen F. H. and **Sitaula B.K.** (2012). Health and environmental costs of pesticide use in vegetable farming in Nepal. *Environment, Development and Sustainability*, 14: 477-493.
4. Raut, N., Dorsch, P., **Sitaula, B.K.** and Bakken, L.R. (2012). Soil acidification by intensified crop production in South Asia results in higher $N_2O/(N_2O+N_2)$ product ratios of denitrification. *Soil Biology & Biochemistry* 55: 104-112.
5. Raut, N. and **Sitaula, B.K.** (2012). Assessment of fertilizer policy, farmers' perceptions and implications for future agricultural development in Nepal. *Sustainable Agriculture Research*, 1(2): 188-200.

Oral presentation in the Conference with publication of abstract -2012

6. Adhikari, S., Bajracharya, R. M. & **Sitaula, B. K.** (2012). *Storage and Sequestration Potential of Organic Carbon in Agriculture Soils of Lowland Nepal*. Abstract in the "International Symposium on Mountain Resource Management in a Changing Environment" held at May 29 – 31, 2012, Kathmandu, Nepal.
7. Begum, F., Bajracharya, R. M., Sharma, S. & **Sitaula, B. K.** (2012). *Land Use Influence, Slope Aspect and Seasonal Dynamics of Soil Macrofauna In Mid-Hills of Nepal*. Abstract in the "International Symposium on Mountain Resource Management in a Changing Environment" held at May 29 – 31, 2012, Kathmandu, Nepal.
8. Atreya K.; **Sitaula BK**; and Bajracharya R. M. (2012). Distribution of Costs of Pesticide Use by Household Economies. Abstract in the "International Symposium on Mountain Resource Management in a Changing Environment" held at May 29 – 31, 2012, Kathmandu, Nepal.
9. Raut, N., **Sitaula, B.K.** and Bakken, L.R. and (2012). Oral presentation on "Effects of intensified crop production on soil nitrous oxide emission in mid-hills of Nepal". 17th European Nitrogen Cycle Meeting will be held on 26-28 September, 2012, in Oslo, Norway.
10. **Sitaula, B. K.** (2012). *Global Challenges and Need for Integrating wisdom and Personal Transformation in the University Curricula*. Key note speech with Abstract in the "International Symposium on Mountain Resource Management in a Changing Environment" held at May 29 – 31, 2012, Kathmandu, Nepal.
11. **Sitaula, B. K.** (2012). *Global Challenges and Need for Noetic wisdom and Personal Transformation*. Invited speech with Abstract in the international conference "World Conference of Philosophy and Science" held on June 22-23, 2012, Beja, Portugal.
12. Tiwari, K. R., Balla, M. K., Pokharel, R. K. & **Sitaula, B. K.** (2012). *Enhancing the sensitization of Natural Resource Management through Agriculture intensification in Middle Mountain region of Nepal*. Abstract in the "International Symposium on Mountain Resource Management in a Changing Environment" held at May 29 – 31, 2012, Kathmandu, Nepal.
13. Raut, N., **Sitaula, B.K.** and Bajracharya, R.M. (2012). Assessment of fertilizer policy, farmers' perceptions and implications for future agricultural development in Nepal. Abstract published in the "International Symposium on Mountain Resource Management in a Changing Environment" held on May 29 – 31, 2012, Kathmandu, Nepal.

Oral Presentation only (in the workshop/conference/symposia Etc)- 2012

14. Sitaula, B. K. (2012). *Brief comments by Norwegian collaborator*. Opening speech at the "International Symposium on Mountain Resource Management in a Changing Environment" held at May 29 – 31, 2012, Kathmandu, Nepal. Organiser: Kathmandu University, Norwegian University of Life sciences
15. Sitaula, B. K. (2012). *Opening Speech by Norwegian NUFU project leader* at the "IOF Teaching Excellence Training Workshop" held on June 11 – 15, 2012, Kathmandu, Nepal. Organiser: Institute of Forestry, Pokhara, Nepal.
16. Sitaula, B. K. (2012). *The Future we want*. Speech given in the meeting of "National Civil Society consultation on UN conference on Sustainable Development (Rio+20) " held on June 3, 2012, Kathmandu, Nepal. Organiser: Rural Reconstruction Nepal.

17. Sitaula, B. K. (2012). Remarks on *Planning TU University campus as Centre for Excellence*. Speech given in the meeting of faculties "Planning TU University campus as Centre for Excellence" held on March 23, 2012, Kathmandu, Nepal. Organiser: Tribhuvan University, Kathmandu Nepal.
18. Sitaula, B. K. (2012). Project Overview- Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans. Oral presentation during Project kick off meeting " HERD/Agriculture supported project- Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans" held on August 29, 2012, Belgrade, Serbia. Organiser: Faculty of Agriculture, University of Belgrade, Serbia.

MEDIA : TV/Newspaper in 2012

19. Sitaula, B.K. (2012) Interview by a magazine: Solidarity (Nepali: Eikabadhata) and published in August 23, 2012. Theme: *Challenge for education and work in Norway*.
<http://www.solidaritykhabar.com/interview.php?cid=17424>
20. Sitaula , B.K. (2012) TV Interviewed by Avenues television, Nepal (Educational News: Dainik Shaikshik Samachar) and broadcasted in May 29, 2012. Theme: International Symposium on Mountain Resource Management in a Changing Environment. *Duration 6 minutes*
<http://www.youtube.com/watch?v=uLHrR1WKtPc&feature=youtu.be>
21. Sitaula, B.K. (2012) Radio Interview by Radio: FM Metro 94MHz Kathmadu (Program: SAMBAD) and broadcasted in June 8, 2012. Theme: *Comparison of Higher education between Norway and Nepal*. *Duration 30 minutes*
22. Sitaula , B.K. (2012) TV Interviewed by Nepal television (NTV), Nepal (Program: Rozgar-Employment) and broadcasted in June 19, 2012. Theme: Prospects of foreign employment and education in Norway. *Duration 25 minutes* .

Refereed International Journal Articles-2011:

23. Atreya, K., B. K. Sitaula, et al. (2011). "Continuing Issues in the Limitations of Pesticide Use in Developing Countries." Journal of Agricultural and Environmental Ethics 24(1): 49-62.
24. Raut, N., Sitaula, B.K., Aune, J.B. and Bajracharya, R.M. (2011). Evolution and future direction of intensified agriculture in the central mid-hills of Nepal. *International Journal of Agricultural Sustainability*, 9(4): 537-550.
25. Raut, N., Sitaula, B.K., Vatn A. and Giridhari, S.P. (2011). Determinants of adoption and extent of agricultural intensification in the Central mid-hills of Nepal. *Journal of Sustainable Development*, 4(4): 47-60.
26. Raut, N., Sitaula, B.K. and Bajracharya, R.M. (2011). Agricultural intensification in South Asia and its contribution to greenhouse gas emission: A review. *Asian Journal of Water, Environment and Pollution*, 8 (3): 11-17.
27. Raut, N., Sitaula, B.K. and Bajracharya, R.M. (2011). A discourse on agricultural intensification in the mid-hills of Nepal. *Asian Journal of Agriculture and Development*, to be published in Vol 8, No.1 issue.
28. Manojlović, M., R. Čabilovski, BK Sitaula (2011). "Soil Organic Carbon in Serbian Mountain Soils: Effects of Land Use and Altitude." Polish Journal of Environmental Studies 20(4): 977-986.

Articles in conference Proceeding-2011

29. Raut N, Bakken LR; Sitaula BK and Bajracharya RM (2011) Effect of Cropping Intensification on Soil Nitrous Oxide Emission in Mid- Hills of Nepal. In Balla M; Singh A, Bajracharya, RM, and Sharma S (eds) Proceeding of International conference: Ecosystem Responses to Global Environmental Change, 13-17 November, 2010, Chitwan, Nepal. 53-62 pp.
30. Tiwari KR; Balla MK and Sitaula BK (2011) An Assessment of Climate Change Impact on Forest and Biodiversity (A Transect Study from Himalaya to Terai Region of Nepal). In Balla M; Singh A, Bajracharya, RM, and Sharma S (eds) Proceeding of International conference: Ecosystem Responses to Global Environmental Change, 13-17 November, 2011, Chitwan, Nepal. 63-73 pp.
31. Sitaula, B.K (2011) Linked and Multi-Dimensional Perspectives of Global Environmental Change. In Balla M; Singh A, Bajracharya, RM, and Sharma S (eds) Proceeding of International conference: Ecosystem Responses to Global Environmental Change, 13-17 November, 2011, Chitwan, Nepal. Abstract 261. pp.
32. Bajracharya, RM, Sharma S, Balla MK and Sitaula, B.K (2011) Introduction In Balla M; Singh A, Bajracharya, RM, and Sharma S (eds) Proceeding of International conference: Ecosystem Responses to Global Environmental Change, 13-17 November, 2011, Chitwan, Nepal. 3-4pp.
33. Sitaula BK (2011) Preface. In Balla M; Singh A, (eds) Natural Resource Management: Reviews and Research in the Himalayan Watersheds II, Special Publication of NUFU HIMUNET project, II. iv pp.
34. Raut N, Sitaula BK and Bajracharya RM (2011) Agricultural development in South Asia: Kuhns' paradigm shift and ethics. In Balla M; Singh A, (eds) Natural Resource Management: Reviews and Research in the Himalayan Watersheds II, Special Publication of NUFU HIMUNET project, II. 166-177 pp.
35. Atreya, K, Sitaula BK and Bajracharya RM (2011) Re-thinking Pesticide use in Agriculture: The complexities and opportunities. In Balla M; Singh A, (eds) Natural Resource Management: Reviews and Research in the Himalayan Watersheds II, Special Publication of NUFU HIMUNET project, II. 118-126 pp.

Workshop/Conference Participation (with oral presentation)-2011

36. Sitaula, BK (2011) Knowledge Networks, Learning communities, Borderless Societies. Invited oral presentation in Open University Initiative- Stakeholders Interaction Program.. 11 October, Kathmandu, Nepal. Organizer: Govt. of Nepal and Non Resident Nepali Association (NRNA 5th Global conference)
37. Sitaula, BK (2011) Synergies with NOMA Master program in Nepal. Invited oral presentation in NOMA Research Seminar 16-18 October. Organizer: CJMC, Nepal Kathmandu, Nepal.

38. Sitaula, BK (2011) New course in NOMA Master program in Education, Environment and sustainable development: wisdom and personal transformation. Invited oral presentation in NOMA curricula review workshop 17-18 October. Organizer: Kathmandu University, Kathmandu, Nepal.
39. Sitaula, BK (2011) IOF support group workshop for Enhancing its research and training capacity. NUFU project workshop, March 10, Kathmandu Nepal. Organiser: Institute of Forestry Pokhara, Nepal.
40. Raut N, Sitaula, BK, Bakken, LR (2011) Agricultural Intensification and Forest Grazing impacts on Climate Gas Emission. Oral presentation at Project end workshop entitled " people and biodiversity in the context of global change", held on 27-29 May, 2011, Sikkim, India.
41. Sitaula, BK (2011) Establishing Linkage and multi-dimensional perspectives of global environmental change for making knowledge useful. Oral presentation at Project end workshop entitled " people and biodiversity in the context of global change", held on 27-29 May, 2011, Sikkim, India.

MEDIA : TV/Newspaper-2011

42. Sitaula, B.K. (2011) Radio Interview by Radio Nepal (Program: Samjhana) and broadcasted in October 22, 2011. Theme: *Contribution of Nepali Diaspora from Norway., Duration 20 minutes (10:30AM to 10: 50 AM)*
43. Sitaula , B.K. (2011) TV Interviewed by ABC television, Nepal (Educational News) and broadcasted in October 23, 2011. Theme: *Norwegian funded Educational projects in Nepal and Contribution to Development of Nepal. Duration 15 minutes (18:45 PM to 19: 00 PM)*
44. Sitaula , B.K. (2011) TV Interviewed by Mountain television, Nepal (Program: Mountain Special) and broadcasted in October 26, 2011. Theme: *Views on development and education. Duration 45 minutes (10:15 AM to 11: 00 AM)*
45. Sitaula , B.K. (2011) TV Interviewed by Himalaya television, Nepal (Program: Rozgar-Employment) and broadcasted in October 15, 2011. Theme: *Views on foreign employment and role of education. Duration 25 minutes (12:15 PM to 12: 40 AM)*
46. Sitaula , B.K. (2011) TV Interviewed by TT television, Nepal (Program: NRNA News) and broadcasted in October 15, 2011. Theme: *NRNA live. Duration 15 minutes*
47. Sitaula , B.K. (2011) TV Interviewed by Kantipur television, Nepal (Program: News) and broadcasted in October 12, 2011. Theme: *Open University. Duration 2 minutes*

EARLIER PUBLICATIONS - 2010 and before

RESEARCH PAPERS [(*** peer reviewed journal articles, ** articles in national journals/ proceedings with limited referee or editorial review system, * other type of research articles, all in the order of thematic focus and publication year):

2010

49. ***Tiwari, KR, Sitaula, BK, Bajracharya, RM and Børresen T (2010) Effects of soil and crop management practices on yields, income and nutrients losses from upland farming systems in the Middle Mountains region of Nepal. *Nutrient Cycling in Agroecosystems*, 86. 241-253.
50. ***Atreya, K., Sitaula, B. K., Johnsen, F. H., and Bajracharya, R. M. (2010). Continuing Issues in the Limitations of Pesticide Use in Developing Countries. *Journal of Agricultural and Environmental Ethics*, DOI 10.1007/s10806-010-9243-9 (In Press)
51. ***Atreya, K. and Sitaula, B. K. (2010). Mancozeb: Growing Risk for Agricultural Communities. *Himalayan Journal of Sciences*, (In Press).
52. ***Raut, N., Sitaula, B.K., and Bajracharya, R.M. (2010). Agricultural intensification: Linking with livelihood improvement and environmental degradation in mid-hills of Nepal. *The Journal of Agricultural and Environment*, Vol. 11 (in press).
53. **Raut, N., Sitaula, B.K., and Bajracharya, R.M. (2010). A review of agricultural intensification in South Asia and its potential impacts. *Proceeding of International conference on global climate change, 19-21 February, 2010 in West Bengal, India* (In Press).
54. **Acharya, M and Sitaula, B.K. (2010). Agricultural adaptation to climate change in developing countries. *Proceeding of International conference on global climate change, 19-21 February, 2010 in West Bengal, India* (In press)
55. **Tiwari, KR, Bhusal, YR, Balla M.K. and Sitaula, B. K., (2010) Local People's perception of Climate Change, its impact and Adaptation in Trans Himalyan region of Nepal, *Proceeding of "National Conference Forest People Interaction, 7-8 June 2010, Pokhara, Nepal.* (In press)

2009

56. *Rasaily R.G., Sitaula, B. K., Nyborg I., Parajuli D.P. and Khanal Chettri B.B. (2009) Contribution of Community Forest to Livestock Rearing in lalitpur and Dhading District of Nepal. In: Balla MK, Bajracharya RM and Sitaula BK (Eds) *Natural Resource Management: Reviews and Research in the Himalayan Watersheds*. Pp 43-55, Tribhuvan University, Institute of Forestry, Pokhara, Nepal.
57. *Begum F., Bajracharya R.M. Sharma S. and Sitaula, B. K.(2009) A review of Biological Soil Quality Assessment in Himalayan region with Special reference to Nepal. In: Balla MK, Bajracharya RM and Sitaula BK (Eds) *Natural Resource Management: Reviews and Research in the Himalayan Watersheds*. Pp 123-137, Tribhuvan University, Institute of Forestry, Pokhara, Nepal.
58. *Adhikari S., Bajracharya R.M. and Sitaula, B. K.(2009) Carbon Dynamics and sequestration in Himalayan region with special reference to Nepal. In: Balla MK, Bajracharya RM and Sitaula BK (Eds) *Natural Resource Management: Reviews and Research in the Himalayan Watersheds*. Pp 148-156, Tribhuvan University, Institute of Forestry, Pokhara, Nepal.
59. ***Dahal, B. M., Nyborg, I; **Sitaula, B. K.**, and Bajracharya, R. M. (2009). Agricultural intensification: food insecurity to income security in a mid-hill watershed of Nepal. *International Journal of Agricultural Sustainability*, 4 (3), 1-12.
60. ***Tiwari, K. R., **Sitaula, B. K.**, Bajracharya R.M. Borresen T. (2009). Runoff and soil loss responses to rainfall, land use, terracing and management practices in the Middle Mountains of Nepal, *Environmental Management. Acta Agriculturae Scandinavica - Section B* 59 (3). 197-207.

2008

61. Tiwari, K. R., **Sitaula, B. K.**, Bajracharya, R. M., and Børresen, T. (2008). Runoff and soil loss responses to rainfall, land use, terracing and management practices in the middle mountains of Nepal, *Acta Agriculturae Scandinavica, Section B – Pland soil science*, (In Press: DOI 10.1080/09064710802006021.

62. ***Tiwari, K. R., **Sitaula, B. K.**, Nyborg, I. L. P., and Paudel, G. S. (2008). Determinants of farmers' adoption of improved soil conservation technology in a middle mountain watershed of central Nepal, **Environmental Management**, (In press: DOI 10.1007/s00267-008-9137-z)
63. ***Dahal, B. M., **Sitaula, B. K.**, and Bajracharya, R. M. (2008). Sustainable Agricultural Intensification for Livelihood and Food Security in Nepal, **Asian Journal of Water, Environment and Pollution**, 5 (2), 1-12.

2007

64. ***Dahal B.M.; **Sitaula B. K.**, Sharma, S. and Bajracharya R.M. (2007) Effects of agricultural intensification on the quality of rivers in rural watersheds of Nepal. *Journal of Food Agriculture and Environment*, Volume, 5, 3341- 347.
65. ***Awasthi, K. D., Tiwari, K. R., Balla, M. K., **Sitaula, B.**, Singh, B. R. & Pandit, K. (2007). Plot Level Runoff, Soil and Nutrient Loss in Upland Rainfed Terraces (Bari) and Aspect-wise Soil Quality of Different Land Uses in Pokhara Khola Watershed, Nepal. *International Journal of Ecology and Environmental Sciences*, 33 (2-3): 105-114.
66. ***Bajracharya, R. M., **Sitaula, B.**, Sharma, S. & Jeng, A. S. (2007). Soil quality in the Nepalese context : an analytical review. *International Journal of Ecology and Environmental Sciences*, 33 (2-3): 143-158.
67. ***Balla, M. K., Awasthi, K. D., Singh, B. R., **Sitaula, B. K.** & Pradhan, B. M. (2007). Land use changes and geomorphometric analyses in Galaundu and Pokhara Khola watersheds in Mid-hill region of Nepal. *International Journal of Ecology and Environmental Sciences*, 33 (2-3): 171-182.
68. ***Sharma, S. D., **Sitaula, B.** & Singh, B. R. (2007). Soil properties and quality index in relation to land cover in Arnigad watershed of Garhwal Himalayas, India. *International Journal of Ecology and Environmental Sciences*, 33 (2-3): 159-169.
69. ***Shrestha, B. M., Singh, B. R., **Sitaula, B. K.**, Lal, R. & Bajracharya, R. M. (2007). Soil aggregate- and particle-associated organic carbon under different land uses in Nepal. *Soil Science Society of America Journal*, 71 (4): 1194-1203.
70. Tiwari, K. R., **Sitaula, B. K.**, Bajracharya, R. M. & Børresen, T. (2007). Changes in Cropping Patterns in Nepalese Mountain Farming: Environmental and Socioeconomic Consequence. *Environmental Science and Technology*, vol 2: 527-533.

2006

71. ***Tiwari K R.; **Sitaula B. K.**, Børresen T. and Bajracharya R.M. (2006) An assessment of soil quality in Pokhara Khola watershed of the Middle Mountain in Nepal. *Journal of Food Agriculture and Environment*, Volume, 4, 276-283.
72. ***Sitaula B. K** and Dahal, B.M.; UMB, Norway (2006) Anthropogenic Influences on Agro Ecosystem: Agricultural intensification and Global Change – *Keynote paper*. In: Proceedings, International Seminar on Environmental and Social Impacts of Intensified Agriculture in Himalayan Watersheds, October 15-17, Kathmandu, Nepal. KU/UMB/Bioforsk., Publ. KU and MoEST. P. 1-10.
73. *Dahal, B.M., **Sitaula B.K.**, Bajracharya R.M., Sharma S., and Atreya K. (2006). Socioeconomic Conditions in Relation to Agricultural Intensification in Ansikhola Watershed of Central Nepal. In: Proceedings, International Seminar on Environmental and Social Impacts of Intensified Agriculture in Himalayan Watersheds, October 15-17, Kathmandu, Nepal. KU/UMB/Bioforsk., Publ. KU and MoEST. P. 78-89.
74. *Sharma S., Nesemann H., Dahal B.M, Bajracharya R.M., **Sitaula B.K.**, Shah D.N., and Tachamo R.D.. (2006). Bio-indicators of Stream Quality in Two Mid-hill Watersheds of Central Nepal. In: Proceedings, International Seminar on Environmental and Social Impacts of Intensified Agriculture in Himalayan Watersheds, October 15-17, Kathmandu, Nepal. KU/UMB/Bioforsk., Publ. KU and MoEST. P. 100-108.
75. *Bajracharya R.M., Sharma S., Dahal B.M., **Sitaula B.K.**, Rokaya K., and Jeng A. (2006). Assessment of Soil Quality Using Physicochemical and Biological Indicators in a Mid-hill Watershed of Nepal. In: Proceedings, International Seminar on Environmental and Social Impacts of Intensified Agriculture in Himalayan Watersheds, October 15-17, Kathmandu, Nepal. KU/UMB/Bioforsk., Publ. KU and MoEST. P.109-119.
76. *Dahal, B.M.. **Sitaula B.K.**, Bajracharya R.M., Atreya K, and Jeng A. 2006. Soil and Nutrient Losses from Intensified Agricultural Land in Ansikhola Watershed in Kavre District of Nepal. In: Proceedings, International Seminar on Environmental and Social Impacts of Intensified Agriculture in Himalayan Watersheds, October 15-17, Kathmandu, Nepal. KU/UMB/Bioforsk., Publ. KU and MoEST. P. 125-132.
77. ***Sharma, S.D., Singh, B.R., **Sitaula, B.K.** and Gupta, M.K. (2006) Influence of land cover on soil properties in a watershed in lesser Himalayas. *Annals of Forestry* 14(1): 16-34

2005

78. ***Sharma S., Bajracharya RM, **Sitaula BK**, and Merz J. (2005) Water Quality in the Central Himalaya, *Current Science* **89**, 1-15.
79. ***Awasthi K. D., **Sitaula B. K**, Singh B. R and Bajracharya R.M. (2005) Fluxes of methane and carbondioxide from soil under forest, grazing land, irrigated rice and rainfed field crops in a watershed of Nepal. *Biology and Fertility of Soils* **41**, 163-172.
80. ***Awasthi K. D., Singh B. R and **Sitaula B. K.**, (2005) Profile carbon and nutrient levels and management effect on soil quality indicators in the Mardi watershed of Nepal, *Acta Agriculturae Scandinavica Section B- Soil and Plant* **55**, 192-204.
81. ***Tulema B., Zapata B., Aune J. and **Sitaula B.K.**, (2005) N fertilization, soil types and cultivars effects on N use efficiency in tef [Eragrotis tef (Zucc.) Trotte]. *Nutrient Cycling in Agro ecosystems* **71**, 203-211.
82. ***Tiwari K. R., Bajracharya R.M., Pathak J, **Sitaula B. K**, and Balla M.K. (2005) Soil and Nutrient losses from upland agriculture under traditional and restorative management in the central Nepal Middle Hills. *Nepal Journal of Science and Technology* **6**, 63-68.
83. *****Sitaula, B.K.**, Sankhayan, PL., Bajracharya, R.M and Singh, B.R. (2005). A systems analysis of soil and forest degradation in a mid-hill watershed of Nepal using a bio-economic model. *Land degradation and Development*, **16**, 435-446.
84. **Awasthi K. D., **Sitaula B. K**, Singh B. R, Balla M.K., Bajracharya R.M. and Dhoubhadel S.P. (2005) Analysis of land use structure in two mountain watersheds of Nepal using FRAGSTATS. *Forestry* **13**, 1-18.

2004

85. ***Shrestha B. M, **Sitaula B.K.**, Bajracharya, R. M.,Singh B.R (2004) Fluxes of CO₂ and CH₄ in soil profiles of a Mountainous watershed of Nepal as influenced by landuse, temperature, moisture and substrate addition. Soil organic carbon stocks in soil aggregates under different land use systems in Nepal. *Nutrient Cycling in Agro ecosystems* **68**, 155-164.
86. *****Sitaula B.K.**, Bajracharya, R. M.,Singh B.R and Solberg, B (2004) Factors affecting organic carbon dynamics in soils of Nepal/Himalayan region-A review and analysis. *Nutrient Cycling in Agro ecosystems* **70**, 215-229.
87. ***Shrestha B. M, **Sitaula B.K.**, Bajracharya, R. M.,Singh B.R (2004) Soil organic carbon stocks in soil aggregates under different land use systems in Nepal. *Nutrient Cycling in Agro ecosystems* **70**, 201-213
88. ***Yang Z.H., Singh B.R., **Sitaula B.K.** (2004) Fractions of organic carbon in soils under different crop rotation, cover crop and fertilization practices. *Nutrient Cycling in Agro ecosystems* **70**, 161- 166.
89. **Awasthi K. D., **Sitaula B. K.**, Bajracharya R.M., Singh B. R., and Balla M.K. (2004) Soil Erosion and Nutrient Losses in Mountain Watershed of Nepal. *Forestry* **12**, 18-27.
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91. **Singh B. R, **Sitaula, B.K.**, Sankhayan P.L. and Balla M.K. (2004) Soil and Forest Degradation in Marginalised Agriculture of Nepal- Retrospective and Output. *Forestry* **12**, 1-7.
92. ***Yang Z.H., Singh B.R., **Sitaula B.K.** (2004), Soil organic carbon fractions under different land uses in Mardi Watershed of Nepal. *Communications in Soil Science and Plant Analysis* **35**, 615-629.
93. **Bajracharya R.M, **Sitaula B.K.**, Shrestha B.M., Awasthi K.D., Balla M.K. and Singh B.R. (2004) Soil Organic Carbon Status and Dynamics in the Central Nepal Middle Mountains. *Forestry* **12**, 28-44.

2003

94. ***Sankhayan PL, Gurung N, **Sitaula B.K.**, Hofstad O. (2003) Bio-Economic Modelling of Land Use and Forest Degradation at Watershed Level in Nepal. *Agriculture Ecosystems and Environment* **94**, 105-116.

2002

95. ***Awasthi, K.D., **Sitaula, B.K.**, Singh, B.R., Bajracharya, R.M. (2002). Land-use change in two Nepalese watersheds: GIS and Geomorphometric analysis. *Land degradation and Development* **13**, 495-513.

96. ***Gurung, N. R., Hofstad, O., Sankhayan, P. L. & **Sitaula, B. K.** (2002) Factors Affecting Forest Volume and Biomass at Watershed Level – A Study in Annapurna Conservation Area, Nepal. *Indian Forester* 128, 379-390.

2001

97. *****Sitaula B.K.**, Sitaula, J.I.B., Åkra, Å and Bakken L.R (2001) Nitrification and Methane Oxidation in Forest Soil: Acid Deposition, Nitrogen Input and Plant Effects. *Water, Air, and Soil Pollution* 130, 1061-1066.
98. ***Sitaula B.K.**, Sankhayan P.L, Singh, B.R., Hofstad, O. and Gurung N.R. (2001). Soil Erosion in Himalayan Watershed: A Modelling based System Analysis of Soil and Forest Degradation. ASAE publication 701P007: Erosion Research for 21st Century, 439-442. ISBN 1-892769-16.6.

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100. *****Sitaula B.K.**, Hansen S and Bakken L.R (2000) CH₄ oxidation potentials and fluxes in soil influenced by manuring, fertilization and soil compaction, *Biogeochemistry* 48, 323-339.
101. *****Sitaula B.K.**, Hansen S, Sitaula J.I.B.and Bakken L.R.. (2000). Effects of soil compaction on N₂O emission in agricultural soil. *Chemosphere: Global Change Science* 2, 367-371.
102. ***Smith K.A., Dobbie KE, Ball B.C., Bakken L.R, **Sitaula B.K.**, Hansen S., Brumme R., Broken W, Christensen S, Prieme A, Fowler D., MacDonald J., Skiba U., Klemetsson L., Kasimir- Klemetsson A., Degorsska A., and Orlanski P. (2000) Oxidation of atmospheric methane in Northern European soils, comparison with other ecosystems, and uncertainties in the global terrestrial sink. *Global Change Biology* 6, 791-803.
103. ***Sitaula B.K.**, Newpane R.P., Paudel, G.S. Sankhayan P.L., Singh, B. R., & Hofstad, O. (2000). Land degradation in the Himalayan region – An interdisciplinary approach to analyze system behavior. *In* J. Låg, (ed.) *Geomedical Problems in Developing Countries*. The Norwegian Academy of Science and Letters, Oslo, pp 193-208, ISBN 82-90-888-31-7.
104. *Neupane R.P, **Sitaula, B.K.** and Thapa, G.B. (2000). Deforestation and Agroforestry in the Hills of Nepal. *In* J. Låg (ed.) *Geomedical Problems in Developing Countries*. The Norwegian Academy of Science and Letters, Oslo, pp 220-234, ISBN 82-90-888-31-7.
105. *****Sitaula B.K.**, Awasthi K.D., Newpane R.P., Chapagain N.R, Paudel, G.S. Sankhayan P.L., Singh, B.R. & Hofstad, O. (2000). Land use Changes and Soil Degradation Affecting Soil Quality in Watersheds of Nepal- A review. *In* Proceedings of the Nordic Seminar: Soil Stresses, Quality and Care 10-12 April 2000 Ås, Norway. NJF-Series no. 310, 165-175

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106. *****Sitaula, B.K.**, Ålmos, Å., Bakken, L.R. and Singh B.R.(1999) Assessment of heavy metals associated with bacteria in soil. *Soil Biology and Biochemistry* 31, 315-316.
107. ****Sitaula, B.K.**, Ålmos, Å., Bakken, LR. and Singh B.R.(1997) Experimental Approach to Quantify Bacterial Associated Heavy Metal in Soil. *In* Proceedings of 4th International Conference on the Biogeochemistry of Trace Elements, Berkely 1997, (I.K. Iskandar, S.E. Hardy, A.C. Chang, and G.M. Pierzynski, Eds.) pp 313-314.

1997

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1995

111. *****Sitaula B.K.**, Warner W. S, Bakken L.R., Hargneaves K., Klemetsson L., Sitaula, J.I.B., Christensen S., Priemé A. and Ball B.C. (1995) An interdisciplinary approach for studying greenhouse gases at the landscape scale. *Norwegian Journal of Agricultural Sciences* 9, 189-209.

112. ***Sitaula B.K., Bakken L.R and Abrahamsen G. (1995) Nitrogen fertilization and soil acidification effects on nitrous oxide and carbon dioxide emission from temperate pine forest soil. *Soil Biology and Biochemistry* **27**, 1401-1408.
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1993

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1992

118. ***Sitaula B.K., Jiafa L. and Bakken L.R. (1992) Rapid analysis of climate gases by wide bore capillary gas chromatography. *Journal of Environmental Quality* **21**, 493-496.
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ABSTRACTS PUBLISHED IN INTERNATIONAL CONFERENCES / SEMINARS / WORKSHOPS /KEY NOTE AND ORAL PRESENTATION:

120. Sitaula, B. K., (2010) Linked and multi-dimensional perspectives of Global Environmental change, Key note presentation at "International Conference on Ecosystem Response to Global environmental Change, 13-17 November 2010, Sauraha , Nepal. Abstract published *In* ECOREC 2010 – Program Schedule and abstract of International Conference on Ecosystem Response to Global environmental Change, Pp 10. Aquatic Ecology Centre, Kathmandu University, Nepal.
121. Sitaula, B. K., (2010) Global Challenges and Emerging Science of Consciousness and Well-being Invited Oral presentation at One day workshop on : "Global Challenges and need for wisdom and personal transformation, 19 November 2010. Department of Conflict Peace and Development studies, Trivhuvan University, Kathmandu, Nepal.
122. Manojović M., Vidojević D., Sitaula, B. K.(2010): Soil and Climate Change: Case Of Serbia. IV International Symposium of ecologist of the Republic of Montenegro (ISEM4). The book of abstracts and programme. Budva, 06-10. 10.2010., ISBN 978-86-908743-3-0, p. 133.)
123. Tiwari, KR, Bhusal, YR, Balla M.K. and Sitaula, B. K., (2010) Local People's perception of Climate Change, its impact and Adaptation in Trans Himalyan region of Nepal, oral presentation at "National Conference Forest People Interaction, 7-8 June 2010, Pokhara , Nepal. Abstract published *In* Dutta IC, Singh A and Tiwari KR(eds). - National Conference Forest People Interaction, Abstract. Pp 39. Institute of Forestry/DANIDA funded ComForm project.
124. Raut, N., Sitaula, B. K., and Bajracharya, R.M. 2010. A review of agricultural intensification in South Asia and its potential impacts. Abstract published *In* International conference on global climate change,19-21 February, 2010 in West Bengal, India.
125. Acharya, M and Sitaula, B. K.(2010). AGRICULTURAL ADAPTATION TO CLIMATE CHANGE IN DEVELOPING COUNTRIES. Abstract published *In* International conference on global climate change,19-21 February, 2010 in West Bengal, India.
126. Sitaula B. K., (2010) Global Challenges and Need for Wisdom and personal transformation in Higher Education. Invited (key note) Oral presentation at Review Workshop: "Conflict, Peace and Development Studies, 23 June 2010.Trivhuvan University, Kathmandu, Nepal
127. Sitaula, B. K. (2010) Synergies with Norwegian funded program and other international program in Nepal. Oral Presentation at National Conference Forest People Interaction. 7-8 June 2010, Pokhara , Nepal.

128. **Sitaula, B. K.** (2010) Global Crises contributing to conflict constellation around the world. Invited Guest lecture given at University of Ruhuna, Matara, Sri Lanka. 6 April 2010, Matara, Sri Lanka.
129. **Sitaula, B. K.** (2010) A multi dimensional Global crises of our time: A public Invited Guest lecture given at University of Podgorica, 12 April 2010, Podgorica, Monte Negro.
130. **Sitaula, B. K.** (2010) Norwegian University of Life Science: Partnership and relevant activities. Oral Presentation at Workshop: Assessment Reduction and Prevention of Air, Water and Soil Pollution in Strara Zagora region. 27 May 2010, Trakia University, Strara Zagora, Bulgaria.
131. **Sitaula, B. K.**(2009) Preface. *In: Ball MK, Bajracharya RM and Sitaula B.K. (Eds) Natural Resource Management: Reviews and Research in the Himalayan Watersheds.* Tribhuvan University, Institute of Forestry, Pokhara, Nepal.
132. **Sitaula, B. K.**, Stjepanović, Mirko; Kovačević, Vlado; Gantner, Ranko; Prodanović, Slaven; Vučković, Savo (2009) Global Climate Change impacts on Agriculture production. (Keynote/ theme moderator) and oral presentation at "44th Croatian and 4th International Symposium on Agriculture, 16-20 Feb 2009, Opatia, Croatia. Abstract published : 44. HRVATSKI I 4. MEĐUNARODNI SIMPOZIJ AGRONOMA / prof.dr.sc. Sonja Marić, prof.dr.sc. Zdenko Lončarić (ed). - Osijek : Poljoprivredni fakultet Sveučilišta Josipa Jurja Strossmayera u Osijeku , 2009. 7-7 (ISBN: 978-953-6331-67-3).
<http://crosbi.znanstvenici.hr/prikazi-rad?lang=EN&rad=399736>.
133. **Sitaula B. K.**, Awastha K. D., Bajracharya R. M., and Balla M.K. (2004) Fluxes of Nitrous oxide in soils as influenced by land uses, soil properties and elevation in the mountain watershed of Nepal. Abstract Proceeding of paper presented at the 3rd International Nitrogen Conference, Nanjing, China, 12-16 October 2004, pp 185.
134. Shrestha B. M, **Sitaula B.K.**, Bajracharya, R. M., Singh B.R (2002) Soil organic carbon stocks, storage profile and sequestration in soil aggregate under different land uses in a hill watershed of Nepal. Paper submitted to NJF seminar no 342: Agricultural soils and greenhouse gasses in cool-temperate climate, 31.July – 3.August 2002, Reykholt, Iceland.
135. **Sitaula B. K.**, Bakken L.R. and Sogn T.A. (1999). N₂O fluxes following addition of organic waste to agricultural soils Abstracts of international workshop: *An analysis of state of our understanding of sources and sinks of atmospheric N₂O*, (H. Tsuruta, Ed.) p.38. International workshop, 23-25 March, 1999, Tsukuba, Japan
136. **Sitaula B. K.**, Bakken L.R., Abrahamsen G. & Sogn, G. (1999). Anthropogenic influence on fluxes of N₂O in soil: Results of the projects supported by Norwegian research program on climate and ozone. *Closing of Climate and ozone program (1988-1998*, (E. Dahlin, Ed.) p.155-156., Klækken, Norway.
137. **Sitaula B. K.**, Hansen S. & Bakken L.R. (1995). Soil as a sink for atmospheric CH₄, and the effects on the sink due to inputs of Nitrogen: CH₄ fluxes in soil influenced by fertilization and soil compaction. *IGBP- Northern Eurasia Study*, (G. Inoue, Ed.) p.23. Open meeting, Tsukuba, Japan.
138. Bonilla, I., **Sitaula B. K.** and Bakken L. R. (1994). Methane fluxes in agricultural soil as affected by soil texture, irrigation and fertilization. *Annales Geophysicae, part II, vol 12*, C387. Nineteenth General Assembly of the European Geophysical Society, Grenoble, France.
139. **Sitaula B. K.**, Bakken L. R. and Abrahamsen, G. (1994). The effects of N fertilization and acid irrigation on nitrous oxide and carbon dioxide emission from temperate forest soil. *Annales Geophysicae, part II, vol 12*, C391. Nineteenth General Assembly of the European Geophysical Society, Grenoble, France.
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PROJECT REPORTS / MANUALS/ COMPILATIONS, TEACHING /TRAINING MATERIALS, etc.

141. Jeng, A, **Sitaula, BK.**, Bajracharya, R. M. [Sharma, Subodh \(2004\)](#) Agricultural intensification impacts on soil, water and socio-economic conditions in Mid-hill watersheds of Central Nepal, JORDFORSK report no 92, 1-65 pp,
142. **Sitaula, B.K.** and Dahal, B.M. (2004) Impact of Agricultural Intensification on Society and Environment, Volume 1, Centre for international Environment and Development Studies (Noragric), UMB, 503 pp.
143. **Sitaula, B.K.** and Dahal, B.M. (2004) Impact of Agricultural Intensification on Society and Environment, Volume 2, Centre for international Environment and Development Studies (Noragric), NLH. 431 pp

144. Sitaula, B.K. and Tiwari, K.R. (2004) Soil Quality and Local knowledge for Improved soil management Volume 1, Centre for international Environment and Development Studies (Noragric), NLH. 227 pp.
145. Sitaula, B.K. and Tiwari, K.R. (2004) Soil Quality and Local knowledge for Improved soil management Volume 2, Centre for international Environment and Development Studies (Noragric), NLH. 228 – 479.
146. Sitaula, B.K. and Tiwari, K.R. (2004) Soil Quality and Local knowledge for Improved soil management Volume 3, Centre for international Environment and Development Studies (Noragric), NLH. 301 pp.
147. Sitaula, B.K. (2003). Training manual: SDBm plus: Multilingual soil profile database. A manual prepared for Triangular Institutional Collaboration project. Noragric, UMB.
148. Sitaula, B.K. (2003). Water User's Association in Irrigation Management. A comilation prepared for Triangular Institutional Collaboration project (Volume 1 & 2). Noragric, UMB.
149. Sitaula B.K., Sankhayan P.L, Singh B.R., Hofstad, O. Kamal A., Shah S.H., Arfin S.Z, Balla M.K., Upadyaya C.P., Bajracharya R.M., Jha M.N., Elsen E.E. and Stolte J. (2002) Forest and Soil Degradation in The Himalayan Region: State of the Art and Guidelines for Field Research. Report No 4/2002 (105) ISSN 0805-7214, 147pp. Report of the EU funded Himalayan Degradation Project, Department of Soil and Water Sciences, Ås-NLH, Norway.
150. Sitaula, B.K (1998). *Nitrification and methane oxidation in forest soil, N-saturation, acidification and vegetation effects* NFR funded projects(1996-1997), Department of Soil and Water Sciences, Agricultural University of Norway.
151. Sitaula, B.K. (1995) *Soil as a sink for atmospheric CH₄, and the effects on the sink due to input of nitrogen: Norwegian Chapter.* EU funded projects(1992-1995), Department of Biotechnological Sciences, Agricultural University of Norway.
152. Sitaula, B.K. (1994) *Release of N₂O from forest soil, nitrification and denitrification in forest soil: effects of fertilization.* NFR funded projects(1991-1993), Department of Soil and Water Sciences, Agricultural University of Norway
153. Sitaula, B. K. (1989) Soil erosion problem in Norway- their assessment, mapping and digitizing. Soil Survey Project, Norwegian Institute for land Inventory, Ås 1-25pp.

THESES:

154. Sitaula, B.K. (1994) The greenhouse gases N₂O, CH₄ and CO₂ in coniferous forest soil as influenced by nitrogen input, acidity, moisture and temperature, *Doctor Scientiarum Thesis* ISBN 82-575-0231-6.
155. Sitaula, B.K. (1989) *Properties of Selected Podzol from Forest of Southern Norway- Their Genesis and Classifications. M Sc Thesis, Agricultural University of Norway, 144 pp.*

PRESENTATIONS / PARTICIPATION / EDUCATIONAL VIDEO FILM PRODUCTION / MEDIA: TV/Newspaper

I have presented more than 35 papers and 10 posters in various national and international conferences/symposia/seminars and workshops held in USA, UK, Serbia, Macedonia, Sri Lanka, Sweden, France, Germany, Macedonia, Malawi, Monte Negro, Norway, Nepal, Croatia, Japan, India, China, Bosnia & Herzegovina, Bangladesh. I have produced three educational video film, and gave several interviews to TV and news papers. Here are few examples from recent years.

Participation only:

2010

156. Sitaula, B.K. (2010) Participated at "Country meeting -Landmøte- Nepal" organized by [Norad - Norwegian Agency for Development Cooperation](#)
157. 19, August, 2010. Oslo, Norway.
158. Sitaula, B.K. (2010) Participated at Seminar "Too much, too little water in Asia's mpountain regions" organized by [Norad - Norwegian Agency for Development Cooperation](#) 25, August, 2010. Oslo, Norway.
159. Sitaula, B.K. (2010) Participated at Seminar "Evaluation of Norwegian Development Cooperation with the Western Balkans" organized by [Norad - Norwegian Agency for Development Cooperation](#) 25, August, 2010. Oslo, Norway.

160. Sitaula, B.K. (2010) Participated at "Project annual meeting" organized by Royal Norwegian Embassy, New Delhi, 30 March, 2010. New Delhi, India.
161. Sitaula, B.K. (2010) Participated at "Project partner meeting" organized by University of Banja-Luka
162. 26, July, 2010. Banja Luka, Bosnia Hertzegovina.

2009

163. Sitaula, B.K. (2009) Participated at "NUFU Program Conference" organized by Norwegian Centre for International Cooperation in Higher Education and University of Malawi, 11-13 Feb., Lilongwe, Malawi.
164. Sitaula, B.K. (2009) Participated at International Conference "Higher Education-A Key to Future Development in the High North" organized by Norwegian Centre for International Cooperation in Higher Education and University of Tromsø, 21-23 January, Tromsø, Norway.
165. Sitaula, B.K. (2009) Participated at International Foundation Of Science (IFS) Workshop "Research Dissemination and Development of Scientific Manuscripts for Publication." organized by IFS and Kathmandu University, 7 October, Kathmandu, Nepal.
166. Sitaula, B.K. (2009) Participated at "NFU conference 2009" organized by University of Agder and NFU, 23-24 November, Kristiansand, Norway.

1992-2008

Bangladesh

- Participated as Panellist in International Seminar: NOMA building Education for future 4-5 November 2008, Dhaka, Bangladesh Organizer NORAD and SIU Norway.

Bosnia and Herzegovina

Oral presentation entitled "Global Change issues", Public lecture at the University of Sarajevo 12 April 2009, Sarajevo, Bosnia Herzegovina.

China

- Poster presented at WWO-IGAC Conference *Measurement and Assessment of Atmospheric Composition Change*, Beijing, China 9-14 October 1995. Organiser: World Meteorological Organization, Geneva.
- Paper presented at the 3rd International Nitrogen Conference, Nanjing, China, 12-16 October 2004. Organiser: Chinese Academy of Soil Sciences.

Croatia

- Oral orientation entitled "Sustainable Research based Education. oral presentation at "VI workshop: Achieving Successful Project outcomes- Final steps and remaining issues," 4-5 November 2009, Osijek, Croatia. <http://www.wb-globe.org/workshop-vi.php>
- Sitaula, B. K. (2009) Influence of Global Climate Change on Agriculture. (Keynote/ theme moderator) and oral presentation at "44th Croatian and 4th International Symposium on Agriculture, 16-20 Feb 2009, Opatia Croatia.
- Sitaula, B. K. (2009) An Introduction to Global Change: Local solution to Global Problem. Public lecture with press coverage at University of Zadar 20 Feb 2009, Zadar Croatia. <http://www.zadarskillist.hr/clanci/20022009/uvod-u-globalno-zatopljenje>

Denmark

- Participated in COP 15 United Nations Climate Change Conference in Copenhagen related side event: December 12-14 2009 Copenhagen.
- Participated as UMB focal point in FK's International networking meetings, workshop and reception of FK Norway (Fredskorpset) consisting of participants from more than 40 countries with audience by Nobel Peace Prize Laureates. Sep 3-8, Oslo and Copenhagen.

Ethiopia

- Oral presentation on future involvement of UMB in FK exchange of participants. Participated as UMB focal point in FK's Partner's meetings consisting of participants from Uganda, Nepal, Malawi, Ethiopia and Norway, Feb 4-8, 2008, Mekelle Ethiopia.
- Participated in Irrigation Manual Development workshop, 4-5 November 2004, Mekelle,
- Participated in Annual steering committee meeting of the Triangular Institution Collaboration Project, 4-5 March 2004, Mekelle

France

- Paper presented at *Nineteenth General Assembly of the European Geophysical Society*, Grenoble, France, 21-29 April 1994. Organiser: European Geophysical Society.
- Germany
- Report presented at *Scientific Meeting*, Mainz, Germany, 24-28 Jan, 1994. Organizer: Dr. Keith Smith, Coordinator, Commission of European Communities Project (No EV5V-CT91-0052).
- Participated in International Geosphere Atmosphere (IGAC) workshop on *Building a Network for trace gas fluxes measurements at European sites*. GFS, Munich, Germany, 23-25 April 1993, Organizer: IGAC, GSF-Forschungszentrum für Umwelt und Gesundheit.

India

- Sitaula B. K., (2009) How Synergies / opportunities for Himalayan University Consortium with Norwegian and International Program. Oral presentation at Third annual meeting of "Himalayan University Consortium, 26-27 Feb 2009, Deheradun, India.
- Participation in the International Conference: Energy, Environment and Development December 13-16, 2006 Bangalore, India.
- Presentation of project activities of EU funded Himalayan degradation project in Feb 2003, April 2004 and March 2005. FRI, Deheradun.

Japan

- Paper presented at the 6th International Conference on Acid Deposition "*Acid Rain 2000*", December 10-16, 2000, Tsukuba, Japan. Organiser: The Science Council of Japan and several others.
- Paper presented at international workshop: *An analysis of state of our understanding of sources and sinks of atmospheric N₂O*, 23-26 March, 1999, Tsukuba, Japan. Organiser: NIES, Environmental Agency of Japan, Tsukuba .
- Paper presented at IGBP open meeting *IGBP- Northern Eurasia Study*, Tsukuba, Japan 28 November - 01 December 1995.

Kenya

- Participated in Consultative Expert Meeting With Senior Academics in African Universities on Mainstreaming Environment into University Education, 10-11 June 2004, UNEP, Nairobi.
- Participated in Global Environment and development Studies (GEEDS) workshop 7-9 June 2004, UNEP, Nairobi.

Malawi

- Participated at "*NUFU Program Conference*" organized by Norwegian Centre for International Cooperation in Higher Education and University of Malawi, 11-13 Feb., Lilongwe, Malawi.

Macedonia

- Oral presentation at project workshop: "How to write a competitive research proposal" " UMB - WBI Collaborative Project, 16 May Ochird, Macedonia.

Nepal

- Oral presentation entitled " Global Crises and need for wisdom study and personal transformation in Higher Education" was given as Key note Speech at the international workshop of CPDS program "Conflict, Peace and Development Studies, 16 October, Tribhuvan University, Kathmandu, Nepal.
- Participated at International Foundation Of Science (IFS)Workshop "*Research Dissemination and Development of Scientific Manuscripts for Publication.*" organized by IFS and Kathmandu University, 7 October, 2009 Kathmandu , Nepal.
- Gave Key note speech entitled "Global Environmental Change and Human Well-being". at "Opening ceremony of NOMA Master program in Environmental Education and Sustainable development. Kathmandu University, Kathmandu, 21 July 2008, Kathmandu, Nepal.
- Gave oral presentation entitled "Implementing second phase of NUFU project (2007-2011)" Oral presentation at NUFU project kickoff workshop" 25 July 2008, Kathmandu, Nepal
- Participated in ICIMOD workshop: Post graduate fellowship and consortium development with universities in greater Himalayan region March 24-25, 2007, Kathmandu, Nepal.
- Participated in IOF MSc Curriculum Review and Analysis. Oral presentation given (entitled: Land Degradation) – at NUFU project workshop: "M Sc curriculum workshop" IOF-UMB - NUFU Collaborative Project, 2 December 2006, Pokhara, Nepal.
- Presented at KU-Asia-link training workshop: "Asia Link program" 21 December 2006, Kavre, Nepal (Title Global Environmental Change – An Overview).
- Participated in the Regional Conference: Sustaining Peace in Nepal. 30-31 October, 2006. Kathmandu, Nepal.
- Paper presented entitled: Land Degradation – A Overview and Analysis at NUFU project workshop: "Managing Mountain Watershed for Rural Development in Nepal: Integrating Research and Teaching" , IOF-UMB - NUFU Collaborative Project, 15-16 September 2005, Pokhara, Nepal.
- Paper presented entitled: Global Environmental Change – Need for integrating with Teacher training program in Nepal. Oral presentation at KU teacher training workshop: "Teacher Training Program in Global Change and Sustainable" , KU-UMB – OUC, Project, 18-19 September 2005, Dhulikhel.

- Participated in curriculum development workshop in 2002 and 2003 in Pokhara and Kathmandu, Nepal. Organiser: Institute of Forestry, Pokhara, Nepal
- Participated in Global Change- South Asian Networking workshop, 18-20 December 2003, Kathmandu, Nepal. Organiser: APN Japan /Nepal Agriculture Research Council, Kathmandu.
- Participated in workshop "Soil Fertility Research in Hills of Nepal", 21 October 2000, Kathmandu, Nepal. Organiser: Nepal Agriculture Research Council, Kathmandu.
- Participated in ICIMOD's 21st Anniversary Symposium "Securing Sustainable Livelihoods in the Hindu Kush-Himalayas : Directions for Future Research, Development and Cooperation" December 5-6, 2004, Kathmandu, Nepal
- Participated in Curriculum Development workshop, October 9-12, 2004 Kathmandu University, Dhulikhel, Nepal
- Participated in ICIMOD' International support group meeting on 8 December 2004, Kathmandu
- Participated as special invited guest at the Tribhuvan University's 31st convocation, 22 November, Kathmandu, Nepal.
- Participated in DANIDA funded Community forestry workshop, 1-2 December, 2004, IOF, Pokhara, Nepal

Norway

- Participated at "NFU conference 2009" organized by University of Agder and NFU, 23-24 November, 2009, Kristiansand, Norway.
- Participated at International Conference "*Higher Education-A Key to Future Development in the High North*" organized by Norwegian Centre for International Cooperation in Higher Education and University of Tromsø, 21-23 January 2009, Tromsø, Norway.
- Participated in the International Conference: Preservation and storing of Carbon in Soils of Temperate region. 27-28 September 2006, Lillehammer, Norway.
- Poster presented at the Nordic Seminar: Soil Stresses, Quality and Care 10-12 April 2000 Ås, Norway. Organiser: NJF, Norway
- Poster and Paper presented at international Symposium: *Geomedical Problems in Developing Countries*, October 1999, Oslo. Organizer: The Norwegian Academy of Science.
- Paper presented at international Symposium *Chemical Climatology and Geomedical Problems*, Oslo, Norway, 21-22 May, 1992. Organizer: The Norwegian Academy of Science.
- Paper presented at Seminar *Climate Gas Research* 18 Dec., 1992 ÅS-NLH, Norway. Organiser: Department of Soil Sciences and Department of Biotechnological Sciences, Agricultural University of Norway.
- Paper presented at Seminar *Climate and Ozone Research in Norway*, Solstrand, Norway, 12-13 Mar., 1992. Organizer: Norwegian Research Council for Science and Humanities.
- Two Posters presented at *Scientific Meeting*, Lillestrøm, Norway, 2-3 Dec, 1991. Organizer: Norwegian Air research Institute
- Paper presented at International Conference *Global Change and Arctic Terrestrial Ecosystems*, Oppdal, Norway, 21-26 Aug., 1993. Organiser: Norwegian Institute for Nature Research
- Paper presented at international Symposium *Chemical Climatology and Geomedical Problems*, Oslo, Norway, 21-22 May, 1992. Organizer: The Norwegian Academy of Science.
- Participated in NUFU project leader seminar on 15 June 2004, 8 June 2005 and in Oslo and Ås respectively.

Pakistan

- Participated as invited guest at *The Third Convocation of the Karakorum International University is held on 6 April, 2008 in Gilgit, Pakistan.*
- Gave Oral presentation entitled "Collaborative activities of UMB in Pakistan. Oral Presentation in International Conference: on "Partnership/Network for Promotion of Research and Knowledge in the Northern Areas of Pakistan" 7-9 April 2008 at Gilgit, Northern Areas, Pakistan

Serbia

- Oral presentation at project workshop: "Education, Research and Training for Global Environmental Change and Sustainable Management of Natural Resources in the Western Balkans" " UMB - WBI Collaborative Project, 7 September 2006, Belgrade, Serbia.

Sweden

- Paper and poster presented at *Nordic Seminar*, Uppsala, Sweden, 10-15 August, 1992. Organizer: Swedish University of Agricultural Sciences, Uppsala, Sweden.

Tanzania

Oral presentation entitled "Synergies with proposed Triangular NOMA Master program and developing new idea of research collaboration" was given at REDD workshop: Developing the Science, economics and Governance of Ecosystem Service Payment in Climate-prone socio economics in Africa. 31-Aug to 3 Sept 2009, Sokoine University of Agriculture, Morogoro, Tanzania.

U.K.

- Paper presented at *Seventh Nitrogen Workshop*, Edinburgh, 23-26 Jun., 1992. Organizer: Soil Science. Department, Scottish Agricultural College.

USA

- Poster presented at International Symposium Soil Erosion Research for the 21st Century. 3-5 January, 2001, Honolulu, Hawaii.

- Paper presented at IGBP/IGAC workshop *TRAGNET-Building a Trace Gas Network*, Fort Collins, Colorado 14-19 October 1996. Organizer: A. Mosier and D. Ojima, Colorado State University, Fort Collins.
- Participated in International Geosphere Biosphere Program (IGBP) meeting on *Exchange of N₂O, CH₄ and CO between terrestrial ecosystems and the atmosphere in mid-latitudes, ACTIVITY 7.1*, Boulder, Colorado, USA, 22-26 September 1991. Organizer: NCAR (United States National Centre for Atmospheric Research).

EDUCATIONAL VIDEO FILM PRODUCTION

- Title: The Road to Research: A story of three female Ph.D. students. A Stofire production in collaboration with Noragric, UMB and Kathmandu University. Published in Youtube: <http://www.youtube.com/watch?v=yEwcE01njds>. A video documentary film by Starnd, T.B., Sitaula BK and Bajracharya, RM (2010),
- Title: A study of agricultural intensification in Asikhola watershed of Central Nepal Midhills. An educational documentary film created by Bishal K. Sitaula and Roshan M. Bajracharya, Kathmandu University, Kathmandu, Nepal and NORAGRIC, Norway (Production year 2007).
- Title: PARTICIPATORY ON FARM RESEARCH: *Bringing prosperity to farmers "Poharekhola watershed management*. An Educational documentary film (duration 19 minutes) created by Bishal K. Sitaula Department of international Environment and Development Studies, Noragric UMB and Mohan Krishna Balla, Institute of Forestry, Pokhara, Nepal (Production year 2006).
- Title: THE WATER USER'S ASSOCIATION: *Bringing water and prosperity to farmers*. An Educational documentary film (duration 23 minutes) created by Bishal K. Sitaula, Department of international Environment and Development Studies, Noragric, UMB (Production year 2004).

MEDIA : TV/Newspaper

Interviewed by NEPALI TV (UK based commercial TV Channel) and broadcasted in August 4, 2010. Theme: *Open University in Nepal*

Interviewed by NTV-2 (Nepal Television, A national TV Channel) and broadcasted in November 22, 2009. Theme: *Development issues of Nepal and NRNA Contribution to Development of Nepal* with international community and NRNA could have a meaningful contribution.

Interviewed by online magazine arthasansar.com (in Nepali language) and posted in November 17, 2009.

Interviewed by NTV-1 (Nepal Television, A national TV Channel) and broadcasted in April 6, 2007. Theme: *Shangrasha: Road to achievement and Contribution to Development of Nepal* (24 min long interviews)