

Short CV - Bishal K Sitaula, Professor (updated January 2016)



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1. Summary : 24 years of research/ teaching/supervision and international collaboration experiences at UMB and internationally in diverse environmental and development issues in a inter and multidisciplinary framework issues mainly focussed on ecological and socio-economic issues influencing the environment and global changes. The specific topics covered are anthropogenic influences in soil water and air, land use and changes, carbon dynamics, land degradation, system analyses, environmental education, conflict, peace and development, wisdom and personal transformation relevant for ecosystem management, global change and development. Field research experiences from Europe, Asia (Nepal, India, Pakistan, Sri Lanka, Bangladesh, Bhutan, Indonesia 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 leadership experiences including administrative and institutional collaboration experiences including project coordination, contract management, financial management, project development, follow up of agreements, meetings, action plan, reporting and networking. Developed educational program and course curricula and created several educational documentary films. Wider public engagements/social work as President /Co-Chair of social/ charity organisation (NRNA and IAHV) with extensive delivery of public talks with media coverage.

Few examples of specific experience include:

- Developed and implemented as project leader two recent regional educational/research NORHED program [1. Sustainable natural resource management for climate change adaptation in the Himalayan region: A collaborative project among Norway, Nepal, Pakistan and Bhutan; 2014-2018], 2. Strengthening Research, Education and Advocacy in Conflict, Peace and Development Studies, 2014-2018] and two NOMA Master Program in Tribhuvan University (Conflict Peace and Development Studies, 2007-2014) and one in Kathmandu University Nepal (Environment Education and Sustainable Development, 2008-2014), one teacher's training program at Kathmandu University. Developed five master programs in South Asia and. 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).
- Developed and coordinated (as project leader) 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, 1999-2002) 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. Recently coordinating a National project in Malawi: Capacity Building for Managing Climate Change (CABMACC) Programme in Malawi (2013-2018, Ministry of Foreign Affairs, Norway funded).
- Published more than 130 research papers covering key natural resources (soil, water, air) and their management 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 (Total Citations of my work = 1468; g index=37).

- 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 30 papers submitted to international scientific journals.
- Supervision experience to 11 PhD students (main supervisor to four Ph.D. students in Development Studies at Noragric and co supervisor to nine PhD students two at NMBU and 5 in 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), Former President and of NRNA Norway, Vice-chair of IAHV Norway. Board members of Open University of Nepal and Founding members of Global Policy Forum for Nepal – (GPFN)
- 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

Key Notes speech/ Oral Presentation only (in the workshop/conference/symposia/Public talk)- 2016

1. Sitaula, B. K. (2016) Resilience and Wellbeing at the time of disaster and disorienting dilemmas. A public talk given at University of Ruhuna, 6 January 2016, . Organiser: Ruhuna University, Matara, Sri Lanka.

Refereed articles-2015

1. Raut, Nani; **Sitaula, Bishal K.**; Bakken, Lars; Bajracharya, Roshan Man; Dörsch, Peter (2015) Higher N2O emission by intensified Crop production in South Asia. *Global Ecology and Conservation* 2015 ;Volume 4. p. 176-184.
2. Zurovec, Ognjen; Vedeld, Pål Olav; **Sitaula, Bishal K.** (2015)Agricultural Sector of Bosnia and Herzegovina and Climate Change — Challenges and Opportunities. *Agriculture* 2015 ;Volume 5.(2) p. 245-266.

Book-2015

Čustović, Hamid; Ljuša Melisa and Sitaula Bishal K. (Editors) 2015.
ADAPTATION to climate change in agriculture: now is time to act. ISBN 978-9958-597-46-6
 COBISS.BH-ID 22620166. 145 pp.

Book Chapters -2015

Sitaula B. K., Moulton, MK and Zurovec (2015) O. Why climate change adaptation in the Agriculture book? *In*: Čustović, Hamid; Ljuša Melisa and Sitaula Bishal K. (Editors) **ADAPTATION to climate change in agriculture: now is time to act.** ISBN 978-9958-597-46-6 COBISS.BH-ID 22620166. 15-16 pp.

Sitaula B. K., Čustović, Hamid; Ljuša Melisa and Zurovec, O. (2015) Understanding climate change *In*: Čustović, Hamid; Ljuša Melisa and Sitaula Bishal K. (Editors) **ADAPTATION to climate change in agriculture: now is time to act.** ISBN 978-9958-597-46-6 COBISS.BH-ID 22620166. 17-23 pp.

Sitaula B. K.,(2015) Why is it necessary to start with the adaptation as soon as possible?. *In*: Čustović, Hamid; Ljuša Melisa and Sitaula Bishal K. (Editors) **ADAPTATION to climate change in agriculture: now is time to act.** ISBN 978-9958-597-46-6 COBISS.BH-ID 22620166. 47-50 pp.

Documentary film

Sitaula BK and Bajracharya RM (2015) Capacity building on forest and soil restoration- An outcome of collaborative project. A documentary film produced in collaboration with Media service, Kathmandu Nepal. For more details see: <https://www.youtube.com/watch?v=EGDFVBP447Y&feature=youtu.be>

Conference presentation with abstract-2015

2. Sitaula B.K. (2015). Climate Change Adaptation and Mitigation by Transformative Approach in reducing fluxes of soil GHG to atmosphere. Invited oral presentation given at 9th congress of the Soil Science Society of Bosnia and Herzegovina: Protection of Soil as a factor of Sustainable Development of rural areas and improvement of environment, 23 -25 November, 2015, Mostar, Bosnia and Herzegovina.
3. Sitaula B.K. (2015). Relating fluxes of greenhouse gases and transformation in the context of climate change adaptation and mitigation. pp 43, at International Conference on Mountains and Climate Change: resources, challenges and opportunities for better life and livelihood, held on September 17-19, 2015, Gilgit, Pakistan.
4. Sitaula K. B. (2015): Exploring Greenhouse gas emission and transformation in Changing Climate. Invited presentation given at International conference on Climate Change and Multi-Dimensional Sustainability in African Agriculture, June 3rd to 5th 2015, Morogoro, Tanzania. Book of Abstract, pp
5. Raut N., Sitaula B.K. and Bajracharya R.M. (2015). Fluxes of CH₄ in intensified agricultural system in mid-hills of Nepal. pp 27, at International conference on Mountains and Climate Change: resources, challenges and opportunities for better life and livelihood, held on September 17-19, 2015, Gilgit, Pakistan.

Key Notes speech/ Oral Presentation only (in the workshop/conference/symposia/Public talk)- 2015.

6. Sitaula B. K. (2015): Agriculture Extension in Changing Climate. KEY note presentation given at International workshop on Assessment, Measurement and Evaluation of Extension and Education. 10 September 2015. Belgrade, Serbia. Organiser: Institute for Applied Science in Agriculture (IPN),Serbia.
7. Sitaula B. K. (2015): Adaptive Challenges in Changing Climate: Research, Education and Extension in West Balkans . KEY note presentation given at Project End workshop of the Project: Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans. 10 December 2015. Sarajevo, Bosnia and Herzegovina. Organiser: University of Sarajevo.
8. Sitaula, B. K. (2015) Resilience and Mental wellbeing at the time of Crises. A invited talk given at International Seminar: "Mental Health Policy, Research and Services in Nepal & Norway: with focus on trauma, children's & women's mental health, and drug addiction" 28 – 30 October 2015, Kathmandu. Organiser: Department of Psychiatry and Mental Health, Institute of Medicine (IOM), Tribhuvan University, Kathmandu, Nepal
9. Sitaula B.K. (2015) History of collaboration, Partnerships and progress of NORHED Project in Nepal: "Sustainable natural resource management for climate change adaptation in the Himalayan region: A collaborative project among Norway, Nepal, Pakistan and Bhutan" Oral presentation given at Interaction session of Annual Project meeting of NORHED project at Kathmandu University. 20 August 2015. Dhulikhel, Nepal. Organiser: Kathmandu University. Nepal.
10. Sitaula B.K. (2015) History of collaboration, Partnerships and progress of NORHED Project in Nepal: "Strengthening Research, Education and Advocacy in Conflict, Peace and Development Studies: A collaborative project among Norway, Nepal, Pakistan and Sri Lanka" Oral presentation given at Interaction session of Annual Project meeting of NORHED project at Kathmandu University. 18 August 2015. Kathmandu, Nepal. Tribhuvan University, Nepal
11. Sitaula B.K. (2015) Future Plans for Implementing Universal Human Values in Higher Education. Oral presentation given at Plenary session of 4th International conference on Human Values in Higher Education. 27-29 March 2015. Gedu, Bhutan, Organiser: Royal University of Bhutan. Bhutan.
12. Sitaula B.K. (2015) Project: "Forest and Soil Restoration and Land Use Change Impacts on Carbon Pools and Fluxes in the Himalaya: Research and capacity building in Nepal. Oral Presentation given at the Conference:

Klimaendringer i utviklingsland: Konsekvenser, tiltak og mulig omstilling [*Climate change in developing countries: implications, measures and possible restructuring*]. 22 January 2015. Oslo, Norway, Organiser: NORAD and NFR, Oslo.

MEDIA : TV/Newspaper in 2015

1. Sitaula , B.K. (2015) TV Interviewed by News24 Television (News24 Nepal). Broadcasted in Program: CHA PRASHNA (*Six Questions*)" (Hosted by Sangam Baniya) on 17 April 2015. Theme: Transformation, Environment and Development in Nepal. *Duration 26 minutes*. <https://www.youtube.com/watch?v=qBr2AwnVvL8>
2. Sitaula , B.K. (2015) TV Interviewed by News24 Television (News24 Nepal). Broadcasted in Program: ISSUE OF THE DAY (Hosted by Sangam Baniya) on 15 September 2015. Theme: Earth Quake Disaster Resilience. *Duration 29 minutes*. <https://www.youtube.com/watch?v=giiBoH-wEf0>.
3. Sitaula , B.K. (2015) TV Interviewed by Mountain Television Nepal. Live broadcasted in Program: Mountain Focus (Hosted by Pradip Basnet) on March 23, 2015. Theme: Trend of Conflict, Peace and Development in Nepal. *Duration 43 minutes*. <https://www.youtube.com/watch?v=CeccmOQexuE>
4. Sitaula , B.K. (2015) TV Interviewed by VG Television Norway. Live broadcasted in Program: Daily News on April 26, 2015. Theme: Earth quake disaster in Nepal. *Duration 10 minutes*. <http://www.vg.no/nyheter/utenriks/jordskjelvkatastrofen-i-nepal/i-natt-sov-tusenvis-paa-gaten-i-nepal/a/23441403/>
5. Sitaula , B.K. (2015) TV Interviewed by News24 Television (News24 Nepal). Broadcasted in Program: Power News With Prem Baniya (Hosted by Prem Baniya) on 15 September 2015. Theme: Prosperity Story of Norway and Thailand. *Duration 20 minutes*. https://www.youtube.com/watch?v=Oz7E6RK8_Lw
6. Sitaula , B.K. (2015) Interviewed by Magazine: *Tourism in Nepal*. Article published in special issue- *Role of NRNA in Tourism promotion in Nepal*. October 2015 . *Solidarity publication, Kathmandu Nepal*

Refereed articles-2014

1. Raut, N., Sitaula, B.K., Bakken, L.R. and Dorsch, P. (2014). Fluxes of CH₄, N₂O, and kinetics of denitrification in disturbed and undisturbed forest soil in India. *Canadian Journal of Soil Science*, 94(2): 237-249.
2. Cabilovski R, Manojlovic M, Bogdanovic D, Magazin N, Keserovic Z, Sitaula BK (2014): Mulch type and application of manure and composts in strawberry (*Fragaria × ananassa* Duch.) production: impact on soil fertility and yield. *Zemdirbyste-Agriculture* 101(1), 67–74.

Proceeding-2014

3. Shrestha, HM., Bajracharya, RM., Bhattarai, I., Kafle K., Shakya R. and Sitaula, BK. (2014). Forest and Soil Carbon Quantification for the Assessment of Leasehold Forest's Contribution to Climate Change Mitigation in Nepal, In pp 353-368 "Leasehold Forestry: A New Dimension on Livelihoods, Workshop Proceeding of Regional Workshop on Pro-poor Leasehold Forestry on organized by Department of Forests, 11-13 June 2014, Kathmandu Nepal., ISBN: 978-9937-2-8514-8. http://dof.gov.np/download/bids/Proceedings_LHF_22082014_Final.pdf

Conference presentation with abstract-2014

4. Čirić V., Manojlović M., Belić M., Nešić Lj., Švarc-Gajić J., Sitaula B. K. (2014): Comparison, limitations and uncertainty of wet chemistry techniques, loss on ignition and dry combustion in soil organic carbon analysis. EGU General Assembly 2014. Geophysical Research. Book of Abstract, Vol. 16, EGU2014-16597, 2014.

5. Sitaula K. B. (2014): Exploring GHG and transformation in changing climate. International conference on Forests, Soil and Rural Livelihoods in a Changing Climate; 27-30 September 2014. Dhulikhel, Nepal. Organiser: Kathmandu University, Book of Abstract, pp 9.
6. Sameena, M.; Bajracharya, R.M. and **Sitaula B. K.** (2014): Nematode community structure as influenced by intensity of cultivation and land use. International conference on Forests, Soil and Rural Livelihoods in a Changing Climate; 27-30 September 2014. Dhulikhel, Nepal. Organiser: Kathmandu University, Book of Abstract, pp 43-44.
7. Shrestha, H.L., Murthy, M.R.S., Bajracharya, R.M. and **Sitaula B.K.** (2014): Prospects for multiple benefits from forest through REDD+ implementation in Nepal. International conference on Forests, Soil and Rural Livelihoods in a Changing Climate; 27-30 September 2014. Dhulikhel, Nepal. Organiser: Kathmandu University, Book of Abstract, pp 58-59.
8. Raut, N. and Sitaula B.K. (2014) Higher N₂O emission by intensified crop production. International conference on Forests, Soil and Rural Livelihoods in a Changing Climate; 27-30 September 2014. Dhulikhel, Nepal. Organiser: Kathmandu University, Book of Abstract, pp 64.

Key Notes speech/ Oral Presentation only (in the workshop/conference/symposia/Public talk)- 2014.

1. Sitaula, BK. (2014) Need for Course Curricula in Transformation in Conflict Peace and Development Studies KEY NOTE speech given at .International Workshop on Strengthening Research, Education and Advocacy in Conflict, Peace and Development Studies in Nepal, Sri Lanka and Pakistan. 12-14 May 2014. COMSATS Institute of Information Technology (CIIT), Abbottabad, Pakistan.
2. Sitaula, BK. (2014) Exploring Greenhouse gas emission and Transformation in Himalayan Region. Invited speech given at Annual meeting of Himalayan University Consortium (HUC). 24-26 October 2014. Lanzhou University, Lanzhou, China.
3. Sitaula, BK. (2014) Transformative Wisdom in the Higher Education and Research for Climate Change Adaptation and Mitigation. Invited speech given at College of Natural Resources, Royal University of Bhutan, Lobesa: Punakha, Bhutan. 24-26 April, 2014.
4. Sitaula, B. K. (2014). Background and outline of Course curricula in Global Environmental Change and Transformation. *Oral Presentation given at workshop: New Course Curricula at LUANAR* held on 28-30 July 2014, Bunda, Malawi . Organiser: Program office of the Capacity Building for Managing Climate Change Programme in Malawi (CABMACC Project), Lilongwe University of Agriculture and Natural Resources (LUANAR).
5. Sitaula, B. K. (2014). *Wisdom based Nepal Promotion in Higher Education*. A public talk given in the special event (Nepal Promotion Day) of Non Resident Nepali Organization held on June 4, 2014, Copenhagen, Denmark. Organiser: NCC, Non Resident Nepali Organization, Denmark
6. Sitaula, B. K. (2014). Transformative Learning and Personal Transformation for Changing Climate. Invited Public given at University of Mostar June 6, 2014, Organiser: University of Mostar , Bosnia and Herzegovina.
7. Sitaula, B. K. (2014).Opening Speech - Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans. Oral presentation during Project 4th Workshop” held on June 5- 6, 2014, Mostar. Organiser: University of Sarajevo , Bosnia and Herzegovina.
8. Sitaula, B. K. (2014).Living with Floods in Balkans. Invited Speech given at Project 4th workshop: Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans. June 5- 6, 2014, Mostar. Organiser: University of Sarajevo , Bosnia and Herzegovina.
9. Sitaula, BK. (2014) Skilful means for Personal Development. Invited Public talk given at Public talk show organised by Y4Y Young Philosophers' Society Nepal. 20 December 2014. Kathmandu Valley Public Library, Kathmandu Nepal.
10. Sitaula, BK. (2014) Exploring Greenhouse gas emission and Transformation in the context of Education, Environment and Sustainable development. Keynote speech given at Concluding workshop of NOMA master

program: Education, Environment and Sustainable Development. Duli khel, 22-23 December 2014. Kathmandu University, Dhulikhel, Nepal.

11. Sitaula, BK. (2014) Reflections on 7 years of collaborative Journey of NOMA master program: Education, Environment and Sustainable Development. Moderation and speech given at Concluding workshop of NOMA master program: Education, Environment and Sustainable Development. Duli khel, 22-23 December 2014. Kathmandu University, Dhulikhel, Nepal.
12. Sitaula, B. K. (2014). Climate Change and Health. Invited guest lecture at University of Sarajevo, November 28, 2014, Organiser: University of Sarajevo, Bosnia and Herzegovina.
13. Sitaula, B. K. (2014). Climate Change and Health. Invited guest lecture at University of Novisad, November 29, 2014, Organiser: University of Novisad, Serbia.

MEDIA : TV/Newspaper in 2014

1. Sitaula, B.K. (2014) TV Interviewed by Image Television (Image TV). Broadcasted in Program: Black and White" (Hosted by Bijaya Lama) on 30 January 2014. Theme: Environment and Development in Nepal. Duration 26 minutes. <http://www.youtube.com/watch?v=4y4cpcVTrUs>
2. Sitaula, B.K. (2014) TV Interviewed by Sagarmatha Television Nepal. Live broadcasted in January 29, 2014. Theme: Conflict, Peace and Development in Nepal. Duration 32 minutes. <http://www.youtube.com/watch?v=e87LN5hidpk>

Refereed articles-2013

1. Begum, Farida; Bajracharya, Roshan Man; Sitaula, Bishal K.; Sharma, Subodh (2013) Seasonal dynamics, slope aspect and land use effects on soil mesofauna density in the mid-hills of Nepal. International Journal of Biodiversity Science, Ecosystem Services & Management; volume 4 (4), 290-297.
2. Pandit, Bishnu Hari; Neupane, Ramji Prasad; Pandit, Naba Raj; Gautam, Deepak Kumar; Sitaula, Bishal K.; Bajracharya, Roshan Man (2013). Role of medicinal and aromatic plants in reducing poverty and changing livelihoods in the mountains of Nepal. Asia-Pacific Journal of Rural Development; Volume 22.(2) s.105-116
3. Pandit, Bishnu Hari; Neupane, Ramji Prasad; Sitaula, Bishal K.; Bajracharya, Roshan Man. Contribution of Small-Scale Agroforestry Systems to Carbon Pools and Fluxes: A Case Study from Middle Hills of Nepal. Small-scale Forestry 2013; Volum 12.(3) s.475-487.
4. K Atreya, BK Sitaula, RM Bajracharya (2013) Distribution of health costs of pesticide use by household economy Environment, Development and Sustainability 15 (3), 827-839.
5. Raut, N., Raya, B., Sitaula, B.K., Bakken, L.R. and Bajracharya, R.M. (2013). Gendered role and greenhouse gas emissions in intensified agriculture in Mid-hills of Nepal. Working Paper No. 47 at World Agroforestry Centre.
6. Sitaula, BK; Zurovec O. and Moulten MK (2013) Need for Integrating Transformative Wisdom in Higher Education and Research for Climate Change Adaptation and Mitigation. In 32-36 pp; Proceedings of 24th International Scientific Expert Conference of Agriculture and Food Industry, Sarajevo. ISBN 978-9958-597-38-1.
7. Mumtaz, S., Bajracharya, R.M. and Sitaula, B.K. (2013). Land Use intensification effects on soil respiration and physico-chemical properties: A case study from Mid-hills of Nepal. In 140- 153 pp; Proceedings of International Conference on Forests, People and Climate: Changing Paradigm held on August 28 – 30, 2013, Pokhara, Nepal. ISBN 9789937-2-8348-9.

8. Shrestha, H.L., Bajracharya, R.M. and Sitaula B.K. (2013). Quantification of forest and soil carbon stocks under different management practices in Nepal. In 167- 181 pp, Proceedings of "International Conference on Forests, People and Climate: Changing Paradigm" held on August 28 – 30, 2013, Pokhara, Nepal. ISBN 9789937-2-8348-9.

.Oral presentation in the Conference with publication of abstract -2013.

1. Raut, N., Sitaula, B.K. and Bajracharya, R.M. (2013). Reduced soil CH₄ uptake due to grazing in forest of Biligiri hills of India. Abstract published in proceedings, In the "International Conference on Forests, People and Climate: Changing Paradigm" held on August 28 – 30, 2013, Pokhara, Nepal. pp. 360. ISBN 9789937-2-8348-9.
2. Sitaula, B.K. (2013). Integrating transformative wisdom in the higher education and research for climate change adaptation and mitigation. Abstract published in proceedings, In the "International Conference on Forests, People and Climate: Changing Paradigm" held on August 28 – 30, 2013, Pokhara, Nepal. pp 341. ISBN 9789937-2-8348-9.
3. Atreya, K., Sitaula, B.K., Bajracharya, R.M. and Sharma S. (2013). Agriculture intensification, pesticide use, human health and economic costs. Abstract published in proceedings, In the "International Conference on Forests, People and Climate: Changing Paradigm" held on August 28 – 30, 2013, Pokhara, Nepal. pp.17.
4. Sitaula, B. K. (2013). Multiple Crises of Global Change *and Need for Personal and Social Transformation*. Invited speech with Abstract published in the "Second International Conference on Yoga for Health and Social Transformation"; held in JANUARY 7-10, 2013, Haridwar, India. Organiser: Patanjali Research Foundation, Haridwar, India. p. 89.

Key Notes speech/ Oral Presentation only (in the workshop/conference/symposia/Public talk)- 2013.

14. Sitaula, BK. (2013) Need for Transformation in Education and Research in changing climate and sustainable Development KEY NOTE speech given at .Himalayan University Consortium (HUC) regional seminar and workshop on Sstrengthening Educational and Research Collaboration among the Hindu Kush Himalayan (HKH) Universities for Promoting Sustainable Mountain Development in the HKH region. 28-29 October 2013. COMSATS Institute of Information Technology (CIIT), Abbottabad, Pakistan.
15. Sitaula, BK. (2013) Need for integrating transformative wisdom in the higher education and research for climate change adaptation and mitigation. Key Note speech given 24th International Scientific-Expert Conference of Agriculture and Food Industry at Hollywood Hotel, Sarajevo, Bosnia and Herzegovina September 25-28, 2013.
16. Sitaula, B. K. (2013). *Open University in Nepal : Prospect of including CPDS curricula in open university initiatives* . Invited speech at the "Pre Conference Program of Non Resident Nepali Association, 6th Global Conference on NRN skill, knowledge and innovation initiative-The Open University and Nepal Science Foundation Trust Projects" held at October 18 – 23, 2013, Kathmandu, Nepal. Organiser: Non Resident Nepali Association (NRNA), Nepal.
17. Sitaula, B. K. (2013). *Opening Speech by Norwegian CABMACC project leader* at the "Project Launch Ceremony" held on 4 December, 2013, Lilongwe, Malawi . Organiser: Program office of the Capacity Building for Managing Climate Change Programme in Malawi (CABMACC Project), Lilongwe University of Agriculture and Natural Resources (LUANAR).
18. Sitaula, B. K. (2013). *Wisdom and Personal Transformation: The Highest Goal* of Life. A public talk given in the special event of Bagmati Modern Collage " held on August 26, 2013, Kathmandu, Nepal. Organiser: Department of Peace Conflict and Development Studies (CPDS), Tribhuvan University, Nepal.
19. Sitaula, B. K. (2013). Transformative Learning and Personal Transformation: The Highest Goal of Education. A public talk given faculties and students of TU Central Department of Education in held on August 26, 2013, Kathmandu, Nepal.Organiser: Forum for Education Discourses, Tribhuvan University, Nepal.

20. Sitaula, B. K. (2013). Transformative wisdom and Personal Transformation in the Public Enterprises. A invited public lecture given at the Nepal Administrative Staff College (NASC), Kathmandu, Nepal on August 10, 2013.,Organiser: Nepal Administrative Staff College (NASC), Nepal
21. Sitaula, B. K. (2013). Role of Media in Mitigating corruption in Nepal. Invited public talk given at the, Barbara Adams Investigative Journalism Award giving ceremony on 2013-05-16, Kathmandu, Nepal Organiser: Tribhuvan University and Barbara Peace Academy, Kathmandu Nepal
22. Sitaula, B. K. (2013).Project Overview and follow-up- Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans. Oral presentation during Project 3rd Workshop” held on November 28- 29, 2013, Bar, Monte Negro. Organiser: University of Podgorica , Monte Negro.

MEDIA : TV/Newspaper in 2013

1. Sitaula , B.K. (2013) TV Interviewed by Malawi Broadcasting Corporation (MBC TV). Broadcasted in Evening News in 4 December 2013. Theme: Capacity Building for Managing Climate Change Programme in Malawi (CABMACC Project Launch). *Duration 4 minutes.*
2. Sitaula , B.K. (2013) TV Interviewed by Nepal television (NTV), Nepal (Program: *FOCUS*) and broadcasted in May 19, 2013. Theme: Prospects of Peace Conflict and Development Education in Norway. *Duration 30 minutes .*
3. Sitaula , B.K. (2013) TV Interviewed by ABC television, Nepal (Educational News) and broadcasted in October 21, 2013. Theme: Mode of Education delivery at University level in Nepal and Norway. *Duration 15 minutes.*
4. Sitaula , B.K. (2013) TV Interviewed by Sagarmatha Television and WHITE HIMAL television, Nepal. Broadcasted in October 30, 2013. Theme: NRNA and Education. *Duration 2.3 minutes .*
<http://www.youtube.com/watch?v=lqCp08WGipw>.
5. Sitaula , B.K. (2013) TV Interviewed by Nepal television (NTV), Kathmandu Nepal (Program: *STHANIA SAROKAR, Local Concern*) and broadcasted in October 22, 2013. Theme: Road map to long term Peace and Prosperity in Nepal. *Duration 30 minutes .*
6. Sitaula , B.K. (2013) DirectTV broadcast by Aastha TV (Pioneer and India's Leading Socio-Spiritual-Cultural Television Network), (Program: *ASTHA TV LIVE,*) and broadcasted live in January 9, 2013. *Duration 25 minutes .*
Topic: Multiple Crises of Global Change and Need for Personal and Social Transformation.
7. Sitaula , B.K. (2013) TV Interviewed by Buddha Television, Butwal Nepal (Program:*BISESH VHET- Special talk*) and broadcasted in May 10, 2013. Theme: Current Crises in Nepal and way-out). *Duration 20 minutes.*
8. Sitaula, B.K. (2013) Radio Interview by Radio Butwal FM (Program: *SAMBAD*) and broadcasted in May 5, 2013. Theme: Environmental Crises, Conflict, peace and Development in Nepal. *Duration 30 minutes.*

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 DARSHANA / PHILOSOPHY AND SCIENCE" held on June 22-23, 2012, Beja, Portugal.
12. **Sitaula, B. K.** (2012). *Need for Linking Global Challenges with Noetic Wisdom for Personal and Social Transformation*. Invited speech in the "THE THIRD INTERNATIONAL SCIENTIFIC INTERDISCIPLINARY YOGA CONFERENCE "Yoga in Science – Future and Perspectives" held on August 30-31, 2012, Belgrade, Serbia.
13. 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.
14. 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

15. 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

16. 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.
17. 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.
18. 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.
19. 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

20. 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>
21. 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>
22. 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*
23. 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:

1. 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.
2. 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.
3. 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.
4. 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.

5. 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.
6. 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.

7. Articles in conference Proceeding-2011

8. 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.
9. 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.
10. Sitaula, B.K (2011) Linked and Multi-Dimensional Perspectives of Global Environmental
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. Nani Raut, Bishal K. Sitaula, Jens B. Aune & Roshan M. Bajracharya (2011) Evolution and future direction of intensified agriculture in the central mid-hills of Nepal, *International Journal of Agricultural Sustainability*, 9:4, 537-550, DOI: [10.1080/14735903.2011.609648](https://doi.org/10.1080/14735903.2011.609648)

Workshop/Conference Participation (with oral presentation)-2011

17. 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)
18. 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.
19. 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.

20. 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.
21. 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.
22. 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

23. 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)
24. 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)
25. 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)
26. 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)
27. 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
28. Sitaula , B.K. (2011) TV Interviewed by Kantipur television, Nepal (Program: News) and broadcasted in October 12, 2011. Theme: Open University. Duration 2 minutes

PUBLICATIONS - 2010 and earlier

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

1. ***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.
2. ***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)
3. ***Atreya, K. and Sitaula, B. K. (2010). Mancozeb: Growing Risk for Agricultural Communities. Himalayan Journal of Sciences, (In Press).
4. ***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).

5. **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).
6. **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)
7. **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

8. *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.
9. *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.
10. *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.
11. ***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.
12. ***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

13. 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.
14. ***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)
15. ***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

16. ***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.

17. ***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.
18. ***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.
19. ***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.
20. ***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.
21. ***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.
22. 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.

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23. ***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.
24. ***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.
25. *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.
26. *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.
27. *Bajracharya R.M., Sharma S., Dahal B.M., **Sitaula B.K.**, Rokaya K., and Jeng A. (2006). Assessment of Soil Quality Using Physiochemical 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.
28. *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.
29. ***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

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30. ***Sharma S., Bajracharya RM, **Sitaula BK**, and Merz J. (2005) Water Quality in the Central Himalaya, *Current Science* **89**, 1-15.
31. ***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.
32. ***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.
33. ***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.
34. ***Tiware 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.
35. *****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.
36. **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.

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37. ***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.
38. *****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.
39. ***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
40. ***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.
41. **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.
42. ****Sitaula B.K.**, Sankhayan, P.L., Bajracharya, R.M. and Singh, B.R. (2004) Analysis of Forest Degradation, Soil Erosion and Carbon Losses in a Mid-Hill Watershed of Nepal: A Bio-Economic Modelling Approach. *Forestry* **12**, 45-59.
43. **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.
44. ***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.
45. **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.

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46. ***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.

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47. ***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.
48. ***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.

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49. *****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.
50. ***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.

2000

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52. *****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.
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54. ***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.
55. ***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.
56. *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.
57. *****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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59. ****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.

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- 1995**
63. *****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.
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- 1992**
70. *****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.
 71. ***Sitaula B. K.** and Bakken L. R. (1992). Sources and sink of climate gases (N₂O, CH₄ & CO₂), contribution of temperate forest soils and spatial variability. Proceedings of the International Symposium *Chemical Climatology and Geomedical Problems*, Oslo 1992 (J. Låg Ed.) pp 83-90. ISBN 82-90888-07-4. The Norwegian Academy of Science and Letters, Oslo

ABSTRACTS PUBLISHED IN INTERNATIONAL CONFERENCES / SEMINARS / WORKSHOPS /KEY NOTE AND ORAL PRESENTATION:

72. **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.
73. **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.

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75. 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.
76. 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.
77. 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.
78. **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
79. **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.
80. **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.
81. **Sitaula, B. K.** (2010) A multi dimensional Global crises of our time: A public talk given at University of Podgorica, 12 April 2010, Podgorica, Monte Negro.
82. **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.
83. **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.
84. **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>.
85. **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.
86. 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.

87. **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
88. **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.
89. **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.
90. 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.
91. **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.
92. **Sitaula B. K.**, Jiaffa L. & Bakken L.R. (1994). Analysis of the climate gases CO₂, N₂O & CH₄ by wide bore capillary gas chromatography with single injection of gas sample. Abstracts of the joint meeting on *Global Atmospheric Chemistry*, Fuji-Yoshida, Japan 1994 (T. Ogawa, Ed.) p.20.

PROJECT REPORTS / MANUALS/ COMPILATIONS, TEACHING /TRAINING MATERIALS, etc.

93. 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,
94. **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.
95. **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
96. **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.
97. **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.
98. **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.
99. **Sitaula, B.K.** (2003). Training manual: SDBm plus: Multilingual soil profile database. A manual prepared for Triangular Institutional Collaboration project. Noragric, UMB.
100. **Sitaula, B.K.** (2003). Water User's Association in Irrigation Management. A compilation prepared for Triangular Institutional Collaboration project (Volume 1 & 2). Noragric, UMB.
101. **Sitaula B.K.**, Sankhayan P.L., Singh B.R., Hofstad, O. Kamal A., Shah S.H., Arfin S.Z, Balla M.K., Upadaya 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.
102. **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.

103. 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.
104. 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
105. 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:

106. 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.
107. 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

1. Sitaula, B.K. (2010) Participated at "Country meeting -Landmøte- Nepal" organized by [Norad - Norwegian Agency for Development Cooperation](#)
2. 19, August, 2010. Oslo, Norway.
3. 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.
4. 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.
5. Sitaula, B.K. (2010) Participated at "Project annual meeting" organized by Royal Norwegian Embassy, New Delhi, 30 March , 2010. New Delhi, India.
6. Sitaula, B.K. (2010) Participated at "Project partner meeting" organized by University of Banja-Luka
7. 26, July, 2010. Banja Luka, Bosnia Hertzegovina.

2009

8. 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.
9. Sitaula, B.K. (2009) Participated at Internatioanl 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.

10. 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.
11. 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.zadarskilist.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 NIFU 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.

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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 RESERACH: *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)

