

DEEPAK GHIMIRE

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Areas of Research Interest:

- ❖ Soil and Nutrient Management
- ❖ Sustainable agriculture and cropping systems
- ❖ Site specific crop management
- ❖ Agriculture based mitigation and adaptation practices for Climate Change

Key Skills and Attributes:

- ❖ Excellent interpersonal and communication skill at all level of work.
- ❖ Ability to assimilate new techniques quickly and put them into practice efficiently.
- ❖ Extension-communication skills and ability to work with diverse group of people.
- ❖ Data collection, analysis, interpretation and report writing skills.
- ❖ Excellent computer skills of MS-WORD, MS-EXCEL, POWERPOINT, ADOBE-PHOTOSHOP.

Academic Qualification:

Bachelor of Science in Agriculture, 2013-2017

Institute of Agriculture and Animal Science, Tribhuvan University, Paklihawa Campus, Nepal

10+2 in Science, 2009, Major- Biology

Kathmandu Model College, Higher Secondary Education Board, Kathmandu, Nepal

Research Experiences:

Research Title: **Comparative economics of Conventional and Organic Production of Rice in Rupandehi district of Nepal | Principal Investigator** | March to August, 2017

Research focus:

- Study on economics of conventional and organic production of Rice
- Assess Users Satisfaction with Chemical and organic fertilizers.
- Problem identification and prioritization of the problems in chemical and organic fertilizers

Research Title: **Intervention of Climate Smart Agricultural practices on farmers' field**

Research Assistant | September 2015 to July 2016

Research focus: Nutrient and Water Smart Technologies in Rice-Wheat-Maize based cropping system

Responsibilities:

- Coordinate, conduct and facilitate agronomic trials.
- Conduct field trials on impact of zero tillage in cultivation of major cereal crops.
- Trials on Crop Residue, Nutrient management and legumes incorporation.
- Monitoring and supervision of Research plot.
- Data analysis and report preparation

Research Title: **Determination of optimum dose of Organic and Inorganic fertilizer for maximum production of Maize (*Zea mays*) at Rupandehi conditions, Nepal** | Research Team Member | May to August, 2016

Project Work Title: **Study of cultivation packages for commercial cultivation of Cabbage (*Brassica oleracea var. capitata*) at Paklihawa conditions, Rupandehi, Nepal** | October 2015 to March 2016

Project: **Digital Soil Mapping Survey in Kavre, Ilam and Dhankuta under National Land Use Project** | Soil Expert from Rajdevi Consult | February to March, 2018

Project: **KISAN (USAID Funded), Household Survey for Impact Assessment Enumerator** | February to May, 2017

Project: **Study on Policy-strategies and Supply Chain of Chemical Fertilizer in Nepal Enumerator** | June to July, 2017

Article/Publications:

- ❖ Interconnection of Climate Change, Agriculture and Climate Justice: Complexities for Feeding the World Under Changing Climate
[Ghimire, D. & Panday, D. Development (2017). <https://doi.org/10.1057/s41301-017-0118-5>]
- ❖ ‘Climate Smart Agriculture - An Approach to Sustainable Development’ on Youth at a Glance (2015), published by Youth for Conservation and Sustainable Agriculture, Nepal.
- ❖ Food Security and Nutrition – A Youth Perspective, published on WFO F@rmletter, October issue, available at: http://www.wfo-oma.org/media/k2/attachments/October_Farmletter.pdf
- ❖ Mini-thesis on Comparative economics of Conventional and Organic Production of Rice in Rupandehi district of Nepal
- ❖ Winter crop report: “Research partnership for field experiment of climate smart interventions”

Presentations:

- ❖ ‘Prospects of Organic Agriculture and use of Effective Microorganism (EM)’ at Training on Organic Agriculture Practice for Farmers’, Rupandehi, Nepal, 2017.
- ❖ ‘Cultivation Practices for commercial cultivation of Cole Crops’ at Training on Adaption of Modern Technologies for Enhanced Agricultural Productivity, Nawalparasi, Nepal, 2017.
- ❖ ‘Youth Engagement in Agriculture and Role of YPARD’ at Workshop on Cooperative Youth Participation organized by Agriterria, Lalitpur, Nepal, 2017.
- ❖ ‘Climate Change Negotiations and State of Agriculture and Food Security’ at Workshop on Intervention of Climate Smart Agricultural Practices, Rupandehi, Nepal, 2016.
- ❖ ‘Climate Change Scenario and its Impacts in Agriculture in Nepal’ at 2nd CliMates International Summit, Rabat, Morocco, 2016.
- ❖ ‘Science of Climate Change and its Impacts’ at COPinMyCity Event organized by CliMates, Paris, France, 2015.

REFERENCES:

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Alice Guerin
Past President, CliMates (2017)
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