



Agriculture and Forestry University
Directorate of Research & Extension
Rampur, Chitwan, Nepal



**ANNOUNCEMENT FOR THE
MASTER STUDENT RESEARCH SUPPORT**

Date: 20th March, 2023

Directorate of Research and Extension (DOREX), Agriculture and Forestry University (AFU) and the International Centre for Integrated Mountain Development (ICIMOD) are jointly implementing Green Resilient Agriculture Productive Ecosystems, Field of Action- 2 on Action Research (GRAPE- FA2) in Sudurpashchim and Karnali provinces of Nepal. GRAPE- FA2 aims to contribute to improve climate-resilience and sustainability of agro-ecosystem through collaborative action research to foster climate-resilient food production and scale proven solutions at the municipal, provincial, and national levels through demonstration, knowledge dissemination, and engagement with policy makers. In this context, DOREX/ICIMOD calls for application for action research under following topics for master students of Agriculture and Forestry University.

Research topics for Sudurpaschim province

1. Comparison between plastic mulching and organic mulching (straw, leaf mulching, saw dust mulching, crop residue and dried leaves from the forest) for moisture conservation, diseases, pest, beneficial insect and high value vegetables production in Chure rural municipality, Kailali
2. Different methods and practices of nursey raising for quality vegetable seedling production in Dhangadi sub metropolitan, Kailali
3. Bee-diet and foraging management to maximize honey production in Aalital rural municipality, Dadheldhura

Research topics for Karnali Province

4. Efficacy assessment of tricho-compost and vermi-wash for disease management and growth promotion in vegetables in Birendranagar municipality, Surkhet
5. Evaluation of various locally made herbal pesticides, indigenous and bio-pesticides for the management of woolly aphids in apple crops in Humla
6. Efficacy testing of various market available bio-fertilizers and bio-pesticides for the insect pest and diseases management in fresh vegetables in Bhairabi rural municipality, Dailekh

Eligibility criteria

1. Enrolled in a master's programme at AFU and about to start his/her thesis work.
2. Interest on organic farming and climate-resilient agricultural practices.
3. Motivated to travel and conduct action research in selected municipalities in Sudurpaschim and Karnali provinces.
4. Strong analytical, research, and English writing skills.
5. Willing to work closely with local communities, women and farmers groups.
6. Ability to communicate effectively in Nepali and English.

Application and Selection process

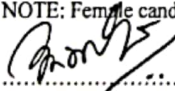
A detailed proposal on above research topics along with short CV and motivation letter are sought from eligible applicants. Students will be selected based on the proposal quality and their strong motivation in remote field research. Short listed candidates will be called for proposal presentation to the selection committee along with an interview.

For further information

Kindly please contact Niranjana Karki at: karkiniranjana89@gmail.com for more detail information about the advertisement.

Deadline for application is on 31 March 2023, applications received afterwards won't be entertained.

NOTE: Female candidates and/or candidates from disadvantaged/marginalized communities are highly encouraged to apply.


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Director
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AFU, Chitwan