



वातावरण, उर्जा तथा जल अनुसन्धान केन्द्र

Center of Research for Environment, Energy and Water

Harmonize Research and Development with Nature

The 11th CREEW Research Grant Program

(first published on 12th October 2019)

Call for academic research proposals

CREEW is a not for profit, scientific research and development based organization established in 2008. CREEW invites academic research proposals on environment, energy and water from Master's Degree (last semester) students from civil/environmental/geo-technical engineering, environment science, hydrology and meteorology, agriculture, forestry, and other relevant fields. In addition to financial grants to the selected candidates, the grant program provides technical inputs and feedback during progress presentation programs (3 times). The following are the priority topics for proposals:

Research areas	Sub-topics for research proposal includes the following but not limited to them only
Groundwater	Groundwater quality and treatment, recharge and depletion, impact through anthropogenic activities; surface water groundwater interaction, groundwater hydro-geo-chemistry, groundwater modeling, policy, regulation and governance, utilization and management strategies
Hydrology and water resources	Hydrological and hydraulic modeling, water-energy-food nexus, water demand and supply, transboundary water issues and hydropower potential
Solid waste, wastewater and air pollution	Waste optimization and reduction techniques, wastewater treatment systems, 3Rs, waste disposal and waste to energy, social and environmental impact of waste; air pollution, monitoring, modelling.
Climate change	Assessment of vulnerability, impacts, adaptation to climate change in different sectors like water resources, public health, human settlement, agriculture, forestry; adaptation and mitigation strategies.
Renewable energy and appropriate technology	Diversification and efficient use of renewable energy, efficiency of the renewable technologies, cost-benefit analysis.
Public health and sanitation	Drinking water handling and treatment, community/decentralized drinking water treatment systems, life cycle assessment of environmental pathogens, health impact of environmental factors.

Eligibility

- Master's Degree students working on thesis proposal for the submission to their departments at college/university.
- Those who have completed all the course requirements.

Number of grants, its amount and duration

- Maximum up to 7 grants will be provided, maximum amount per grant will be NRs. 40,000 and duration is 6 months.

Proposal submission

- Electronic version of research proposal following the template provided at the CREEW website; and it should be submitted to info@creew.org.np with email cc to rabin@creew.org.np

Please note that the proposal file should be named as <applicant's first name_family name_CREEW Grant 2020>

- The applicant must carbon copy (cc) his/her email to their supervisor when submitting the proposal.

Required documents

- Letter of Consent (LoC) from the thesis supervisor stating that s/he is interested in supervising the student's research work.
- Brief Curriculum Vitae (CV) (of 1-2 pages) of the applicant.
- Letter of Recommendation (LoR) from the thesis supervisor.

Submission deadline

All the submissions must be made by **27th October 2019**.

Notification

- Only the successful candidates will be notified via e-mails by **31st October 2019**.