

महानिर्देशक



वन तथा वातावरण मन्त्रालय

वन अनुसन्धान तथा प्रशिक्षण केन्द्र

बबरमहल काठमाडौं

प्रथम पटक प्रकाशित मिति: २०७६/०९/०७

शोध प्रस्ताव उपलब्ध गराउने सम्बन्धी सूचना

यस केन्द्रको आ.व. ०७६/०७७ को स्वीकृत वार्षिक कार्यक्रम अन्तर्गत स्नातकोत्तर तहमा फरेष्ट्री, वनस्पति विज्ञान, वातावरण विज्ञानमा अध्ययनरत ५ जना विद्यार्थीहरूलाई उच्च पहाडी र हिमाली क्षेत्रमा जलवायु परिवर्तन र रुख वृद्धिको अन्तर सम्बन्ध बारे अध्ययनको शोध कार्यका लागि आर्थिक सहयोग गर्ने भएकोले स्नातकोत्तर तहमा फरेष्ट्री, वनस्पति विज्ञान, वातावरण विज्ञानमा अध्ययनरत ईच्छुक विद्यार्थीहरूबाट प्रस्ताव पेश गर्नहुन यो सूचना प्रकाशित गरिएकोछ । सूचना प्रकाशित भएको मितिबाट १५ दिन भित्र शोधकर्ताहरूले आफ्नो प्रस्ताव info@frtc.gov.np, dhakal.bishnu1@nepal.gov.np मा पठाउनु पर्नेछ । समय सीमा भित्र प्राप्त भएका शोध प्रस्तावहरू केन्द्रले तय गरेको Criteria अनुसार short listing गरी Presentation पश्चात शोधकर्ताको छनौट गरिनेछ । शोधपत्र र Presentation को ढाँचा यस केन्द्रको website www.frtc.gov.np मा बाट download गर्न सकिनेछ । थप जानकारीका लागि विष्णुप्रसाद ढकाल (फोन नं . ४२२०४८२, extension 313) मा सम्पर्क गर्न सकिनेछ ।

The Research Proposal



A proposal consists of the following parts:

- **Abstract – 300 to 400 words**
- **Background and Problem statement:** This gives the background and motivation for the selection of the topic and a clear description of the problem field, finally resulting in a concise problem statement. This part includes a review of the theoretical and empirical literature, which is most relevant to the topic and ensures that your work advanced the current stage of knowledge. The theory acts as a base for further investigation and comparison with the (future) results. You must indicate *which* concepts are important to be looked at in answering the research questions.
- **Research objective(s) and research questions:** This clearly states the scientific objectives of the research. It is important that the objectives of the research are strictly related to the research topic.
Subsequently, the research objective(s) should be translated into research questions that need to be answered in order to fulfil the objective(s). In most cases, your review of the literature enables you to define clear and testable hypotheses, which should also be included.
- **Research methods:** In this part of the proposal you explain *how* the research questions will be answered. You need to consider the following points:
 - Identify the **character of the thesis work**. Will it be an explorative, a comparative, experimental or design study? What should be the final product: the description of a research object, a theory, the test of a hypothesis, a simulation model, a comparison of scenarios for future developments, a management plan, a design for a nature restoration plan?
 - Develop a **suitable design** for your experiments and observations and choose the methods for applying treatments and data collection. This step requires arguing about, and providing an answer to, questions like:
 - (1) What is your *object* and what kind of *data* do you want from it?
 - (2) What *methods* do you employ to derive the data? What kind of observations and measurements and how many replicates do you need? In case of experimental work: of which factors do you want to test the effect on which response variables? How do you vary these factors? What is the experimental design?
 - (3) Which *instruments* and *facilities* do you need? It is important to think about this far in advance, because not all equipment is available, or it can be in use elsewhere. The tree corer and lab facility will be provided from FRTC.
 - You should explicitly consider the reliability, validity and replicability of the results of your research.
- **Design the data analysis:** It should be pointed out that the description of the methods is necessary for *data collection* as well as for *data analysis*. How can the data be processed? Which statistical tests can be applied given the employed data collection methods or experimental design? Note that it is important to think about data analysis before you start to collect data. Certain analyses require certain data formats and experimental set-up.
- **Working plan and time schedule:** The research proposal finally should be completed by a comprehensive working plan, indicating the necessary steps in



carrying out the research, as well as their logical order in time. The final report should be submitted within 15 Jestha 2077.

- You need to present a **financial plan**. The financial plan should not exceed 200000.00 (Two lakh rupees).

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