

## **Masters Dissertation Grant Guidelines (Criteria and Thematic Areas)**

Department of Environment provides research grants to the students studying Masters' and conducting dissertation in environment related subjects from different university on a competitive basis to enhance the young researchers' skills and capacity and help them conduct quality research. Proposals would be evaluated on the basis of research quality: research relevance, clarity in methodology, practicability, scientific/social importance and relevancy with the mission and vision of DoEnv.

### **Criteria**

- Should be studying at Nepali University
- The proposal should be based on primary data (Field based study).
- Research proposal should be related to the working areas of Department of Environment.
- Students need to submit Letter of Recommendation from respective institution.

### **Thematic Areas**

1. Atmospheric Science
2. Biodiversity and Pollution
3. Climate Change and Disaster
4. Ecotoxicology
5. Environment and Urbanization
6. Environment Pollution (Air, Water, Soil etc.)
7. Environmental Law and Policy
8. Environmental Management System
9. Hazardous Waste and E-waste
10. Life Cycle Assessment of Goods and Services
11. Pollution and health
12. Pollution Control
13. Solid Waste and Waste Water



Sample cover page

**A RESEARCH PROPOSAL ON OR STUDY ON OR etc.**

.....  
.....(size 16, All CAPS )

**Submitted to: (12)**

**Government of Nepal (14)**

**Ministry of Forests and Environment (14)**

**Department of Environment, (16)**

**Babarmahal, Kathmandu (12)**

**Through: (12)**

**Name of Campus/University/Education Institution, (14)**

**Location (12)**

**Submitted By: (12)**

**Name of Student (14)**

**Studying on (For e.g.) M.Sc Environment Science 4<sup>th</sup> Semester (12)**

**Campus Roll No.: ..... (12)**

**(University Registration No. (for e.g.)) T.U. Registration No: ..... (12)**

**Month, Year In AD**

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### **Abbreviation and Acronyms (for e.g.)**

GoN : Government of Nepal

NGO: Non-Governmental Organization

# 1. Introduction (14)

## 1.1 Background (12)

The background should reflect the general introduction of the subject matter or research issue with relevant citation (12).

## 1.2 Statement of Problem (12)

Provide a brief thesis statement that should address issues or problem/situation currently existing in the area of concern with supporting statistics and propose the ways to solve/mitigate/improve/understand the problem. It provides the context for the need of the study you have proposed and generates the questions which the research aims to answer. The basic research questions are stated in this section. (12)

## 1.3 Objectives (12)

General Objective

- General statement concerning the overall goals

Specific Objectives:

- Must be highly focused and feasible (achievable in terms of resources and time frame)
- Should be clear, concise, declarative statement, which provides direction to investigate the variables.
- Should be in concrete statement describing what the research is trying to achieve

# 2. Methods and Materials (14)

Methods and Materials must coincide with objectives of the research (12)

## 2.1. Study Area (12)

Clear defined study area with location, access, access map etc. relating with background, Statement of Problem and Objectives (12)

## 2.2. Methods of Data Collection (12)

Primary Data (Must justify the objective)

Secondary Data (Must justify the objective)

## 2.3. Sampling Procedures (12)

Sampling techniques for data collection (Must justify the objective)

## 2.4. Data Analysis (12)

Tools used for data analysis (Must justify the objective)

## 2.5. Research Matrix (12)

| SN | Objective | Relevant methodology | Statistical Analysis |
|----|-----------|----------------------|----------------------|
| 1  |           |                      |                      |
| 2  |           |                      | 9 pt                 |

### 3. Expected outcomes

Explain in points the outcome to be expected from this research and must be justify each objectives.

### 4. Time frame of the research

| SN | Activities of the research | year  |       |       |       |       |       |
|----|----------------------------|-------|-------|-------|-------|-------|-------|
|    |                            | month | month | month | month | month | month |
|    |                            |       |       |       |       |       |       |
|    |                            |       |       |       |       |       |       |
|    |                            |       |       |       |       |       |       |

### 5. Budget required for the research

| SN    | Particulars | Qty. | unit | Rate (NRs) | Amount (NRs) | Remarks |
|-------|-------------|------|------|------------|--------------|---------|
|       |             |      |      |            |              |         |
|       |             |      |      |            |              |         |
| Total |             |      |      |            |              |         |

### 6. References

#### APA format (for e.g)

Derwing, T. M., Rossiter, M. J., & Munro, M. J. (2002). Teaching native speakers to listen to foreign-accented speech. *Journal of Multilingual and Multicultural Development*, 23(4), 245-259.

Thomas, H. K. (2004). *Training strategies for improving listeners' comprehension of foreign-accented speech* (Doctoral dissertation). University of Colorado, Boulder