



Province Government
Madhesh Province
Ministry of Forest and Environment
Janakpurdhham, Nepal



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Call for Bachelor's and Master's Thesis Research Proposal

Ministry of Forest and Environment invites proposal from the eligible students pursuing their final year studies at Bachelor or Master Level in Forestry Science, Environmental Science, Natural Resource Management, Soil conservation and Watershed Management, Wildlife Management, Wood Technology and Participatory Forest Management in institutions affiliated to Nepalese Universities to support their dissertation. The study must be conducted within Madhesh Province. The **thematic** areas of research should include:

- Invasive Alien Species Management
- Watershed Management
- Participative Forest Management
- Application of Remote sensing & GIS in Forest or Natural Resource Management
- Wildlife Conservation, Management and Human Wildlife Conflicts
- Chure Conservation and Issues
- Environmental/Ecosystem Services
- Climate Change, REDD + and Carbon forestry
- Poverty Alleviation through NRM
- Forest Mensuration, Growth Modeling, Site Index, Volume Table and Forest management
- Biodiversity Conservation
- Participative Forest Management
- Medicinal and Aromatic Plants (MAPs) and NTFPs Conservation, Cultivation, Marketing, Packaging, Value Chain etc. and Forest Based Industries.



- Plant Species Conservation and Management
- Ecotourism/Cultural Tourism/Religious Tourism
- Grassland/Rangeland Management
- Agroforestry
- Forest land restoration
- Regional Floras and Taxonomic Revisions
- Other allied subjects quoted by concerned academic institutions

Particular Themes

1. Forest fire in Rautahat district
2. Land-use Land cover change in Rautahat district
3. Human Elephant and Human Tiger conflict in the Rautahat district
4. Invasive alien species in Rautahat District
5. Private Forest in Rautahat district
6. Nursery pest and diseases in Rautahat District
7. Community and Collaborative Forest in Rautahat District
8. Chure management in Rautahat District
9. Human blue bull conflict in Rautahat District
10. Bamboo plantation in Chure in Rautahat District
11. Role of Conservation Pond in Rautahat District
12. Forest Encroachment in Rautahat District
13. Forest Based industries in Rautahat District
14. Wildlife behavior change (Monkey behavior change due to human feeding)
15. Contribution of Private forest in Forest Based industries in Rautahat District
16. Fire Risk Mapping of Bara District
17. Spatial and Temporal Pattern of Forest Fires in Bara District
18. Distribution Mapping and Hotspot Analysis of Invasive Species of Bara
19. Ecological effect of IAS on Understory Biodiversity
20. Influence of Landscape Fragmentation on Wildlife Movement
21. Human Wildlife conflict and psychological stress on local communities
22. Farmer preference and determinants of Tree outside Forest Planting.
23. Soil fertility improvement under Agroforestry System
24. Comparative accuracy of Standing-Tree volume Formulae versus Felled-Tree measurements
25. Social and Ecological Impacts of Sand, Boulder, and Gravel Excavation
26. Ecological/Functional diversity in managed and un-managed forest
27. Nursery management (Private/Government)
28. Assessment of plantation Success Rate
29. Current status of Agroforestry systems and possibilities
30. Study of Human wildlife conflict, its reasons, impact and co-existence.

31. Identification and mapping of land in Chure and River upland areas for tree plantation (Chure for plantation and identification and mapping of River upwelling area (नदी उकास क्षेत्र))
32. Impact assessment on forest and environment due to climate change
33. Tree Outside forests/Other effective area based conservation Measures(OECM) status and its expansion possibilities
34. Carbon stock measurement and credit possibilities on Community forests and private forest
35. Identification of herbs, study of its volume and market structure
36. Sustainable Forest Management
37. Integrated watershed management
38. Community based forest management
39. Assessment and management measures of Invasive Alien Species
40. Forest fire reasons, impact, management measures, forest fire risk mapping
41. Study of status and challenges of Biodiversity Conservation
42. Forest based enterprise status and possibilities



Interested and eligible candidates are requested to apply for the grant support with following documents attached with application letter

- a) Student application
- b) Research proposal in standard format.
- c) Recent resume of candidate and supervisor
- d) Recommendation letter from supervisor in University letterhead
- e) Official letter from the University

The proposal must be submitted to the Ministry no later than **11 February 2026**. **Both the electronic copy and printed copy are acceptable.** Applicant can either submit manually or send it to email given below. Short listed candidates will be called for presentation at the Ministry, and the final candidates will be notified via website.

The maximum grant amount shall be NRs. 45,000 per student for fourteen (14) Master's level students and NRs. 35,000 per student for sixteen (16) Bachelor's level students.

Proposal Format

(Proposal should be written in Times New Roman, 12 size font with 1.5 spacing)

Cover page (1 page)

Abstract (Not more than 200 words)

1. Introduction/ Background (Not more than 600 words)
2. Problem Statement and Justification (Not more than 600 words)
3. Objectives (General and Specific objectives, Research questions/hypothesis)
4. Materials and Methods (Study area, sampling design, data collection and data analysis)
5. Expected Output and Dissemination (Not more than 150 words)
6. Time Schedule
7. Budget
8. References



Note: There will be no tolerance for plagiarism, and applicants who have already submitted or received funding for the same proposal are not eligible.

For Further Information, Please contact

Mr. Beshij Karki

Phone No.: 9862511116

Email: thesisgrantmofe2@gmail.com

Ministry of Forest and Environment

Janakpurdhham, Dhanusha, Nepal