

Expression of interest from experts for synthesis and preparation of consolidated project report

Project title: Estimation of economic losses in real term per hectare basis due to forest fire in Uttarakhand and Madhya Pradesh

ICFRE was awarded a pilot project entitled “Estimation of economic losses in real term per hectare basis due to forest fire in Uttarakhand and Madhya Pradesh” by National Authority CAMPA for 02 years which is extended till August 2022. The broad scope of pilot study was developing a framework methodology for estimation of economic losses in real terms per hectare basis for the forest types vulnerable due to forest fire.

Objectives of the study

1. To quantify the forest loss in terms of total economic value i.e., monetary value on per hectare basis for the forest types in the states of Uttarakhand and Madhya Pradesh.
2. Burnt area assessment and severity classification due to forest fire for the respective states
3. Economic loss assessment of terrestrial flora due to forest fire on per hectare basis for the respective states
4. Economic loss assessment of faunal diversity due to forest fire on per hectare basis for the respective states
5. Economic loss assessment of hydrological changes due to forest fire on per hectare basis for the respective states
6. Economic loss assessment of provisioning services and cultural value of forest produce loss due to forest fire on per hectare basis for specific forest types and extrapolated for the respective states.

Study area: The pilot study is proposed to be conducted in the forest fire prone forest type (s) in Uttarakhand and Madhya Pradesh.

Scope: To quantify the forest loss in terms of total economic value i.e., monetary value on per hectare basis for the forest types in the States of Uttarakhand and Madhya Pradesh. For this statistically selected burnt and unburnt polygons based on severity class, forest types, slope, aspect etc. were selected. In Uttarakhand 42 polygons (moderately burnt =32, low burnt =10) out of 289 and in Madhya Pradesh 49 polygons (severe burnt = 5, moderately burnt =24, low burnt =20) out of 228 were selected for the study.

Partner institutes of the study:

ICFRE Headquarter coordinated the study among five partner institutes

- I. Forest Survey of India (FSI), Dehradun
- II. Wild life Institute (WII), Dehradun
- III. National Institute of Hydrology (NIH), Roorkee
- IV. G.B Pant National Institute of Himalayan Environment & Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand (GBPIHESD)
- V. Forest Research Institute, Dehradun & Tropical Forest Research Institute, Jabalpur

The study has been completed by partner institutes and the reports for their specific components have been submitted/will be received by 1st week of June 2022. A consolidated single report from all the six reports is to be prepared and synthesised into one report.

The ToR for expression of interest are therefore as under:

1. Prepare a consolidated single report by synthesizing the content from six reports of participating institutes. The report should be complete with executive summary, content page, abbreviations, photographs, tables, annexures, acknowledgments etc.
2. Report of partner institutes in MS word format will be provided by ICFRE.
3. Copy of the project document will also be provided by ICFRE.
4. Any supplementary material required will be coordinated by ICFRE.
5. Draft of the consolidated report will be submitted to National Authority CAMPA before 30th June 2022 after having internal discussions and presentation on the draft report.
6. Final report after incorporating suggestion of MoEF&CC will be submitted before completion of project.
7. The expert will prepare draft report and incorporate suggestion in final report.
8. The report should be in formal and coherent language. Features of language should support the meaning (for example, sentence structure, vocabulary, punctuation, grammar etc.)
9. The draft report is to be prepared in 15-20 days.
10. The expert should be available during the period of preparation of draft report of the scheme and should not commit to any other assignment till the draft report has been submitted. The expert is required to incorporate all the suggestions and corrections made in the draft report by MoEF&CC and submit it to ICFRE.
11. The expert will hand over all the material reports and electronic copies of project document to ICFRE and will not pass it on to any other agency or person.
12. The report, data etc. will be sole propriety of ICFRE and expert will have no claim over it.
13. ICFRE will provide computer facility at ICFRE Headquarter, Dehradun.
14. Any other task related to preparation of the report assigned by ICFRE will be done by expert.

Requirements of expert

1. Expert should have good experience of writing, synthesizing, editing and drafting reports.
2. Expert should have minimum 10 years' experience related to forest fires.
3. Expert should be available during the writing phase of the report.
4. Expert should be well conversant with computer skills and no secretarial help will be provided in this regard.
5. Per day rates for the work may be quoted.
6. Submission date of expression of interest is **10th June 2022**.

Contact details for submission of expression of interest:

Shri R.K. Dogra

Deputy Director General (Research)

Indian Council of Forestry Research and Education

P.O. New Forest, Dehradun- 248006

Phone: 0135-2224836

Email: ddg_res@icfre.org