



## National Mission on Himalayan Studies (NMHS)

### 1<sup>st</sup> Call for Demand-Driven Action Research Projects – NMHS 2022-23

Realizing the significance of the Himalaya in the sustainable development of the nation, the “National Mission on Himalayan Studies (NMHS)” is being implemented since 2015-16 across the Indian Himalayan Region (IHR) with a vision “to support the sustenance and enhancement of the ecological, natural, cultural and socio-economic capital assets and values of the Indian Himalayan Region (IHR)”.

For the current year 2022-23, professional services are invited under NMHS from eminent Professionals working in reputed Institutions/Universities/Organizations equipped with adequate resources and prior proven demand-driven action Research and Development (R&D) experience, addressing one or more of the following Identified Thrust Areas under specific Broad Thematic Areas (BTAs). The proposals submitted under NMHS should complement national campaigns such as “Self-Reliant Bharat”, “Swachh Bharat Abhiyaan”, “LiFE” as well as supplement the Sustainable Development Goals (SDGs) in the IHR. The project proposals should also take cognizance of the NMHS cross-cutting theme i.e., impacts of climate change.

The identified Thrust Areas for submission of proposals under different BTAs of NMHS are as follows:

SI No.	Identified Thrust Areas	BTAs
1.	• Climate-Resilient housing, refurbishment strategies in hill areas	Infrastructure Development
	• Green and Clean Energy – Emerging Energy and fuel choices, biofuel/ bioenergy	
	• Low cost alternate construction materials, Engineering muck recycling	
2.	• Green roads construction for all weather connectivity	Physical Connectivity
	• Alternate Modes of improving physical connectivity	
	• Mountain risk engineering applications for disaster resilience	
3.	• Technology development for synthesis/ recycling/ upcycling of non-biodegradable waste	Handling of Waste
	• Reclamation/restoration of municipal waste dumping sites in hill areas	
	• Recycling/upcycling of domestic waste water	

The interested professionals from reputed Institutions/ agencies may submit the research proposal in the prescribed format in their area(s) of expertise along with the Endorsement Certificate from the Head of the Institution and detailed bio-data of the PI and Co-PIs. The detailed project submission guidelines and prescribed formats for preparing Project Proposal are available on the website of the NMHS-PMU: <http://nmhs.org.in>.

**Proposal Submission Procedure:** The complete proposal prepared in the prescribed NMHS format in any of the aforementioned Identified Thrust Areas should be **submitted through Online Portal of NMHS: <https://newprojectsubmission.nmhs-himal.res.in/> before 05:00 PM on 1<sup>st</sup> February 2023.**

Administrative Officer  
(GBP NIHE)