

Dear Colleagues

The Ministry of Environment, Forest and Climate Change (MoEF&CC)) has issued a call for developing project proposals under the National Mission on Himalayan Studies (NMHS) in any of the seven Broad Thematic Areas (see attached file). Details of the projects being implemented under the NMHS are available on the mission website (www.nmhs.org.in).

The project proposals may be sent latest by June 18, 2018 to

The Nodal Officer, NMHS-PMU,
GB Pant National Institute of Himalayan Environment & Sustainable Development,
Kosi Almora, Uttarakhand
(email: nmhspmu2016@gmail.com)

Best wishes and regards
Office of Dean R&D

Broad Thematic Areas (BTAs) Aligning with Thrust and Indicative Intervention Areas	
1.	<p>Water Resource Management</p> <p>(a) Water Security through rejuvenation of springs and catchments</p> <p>I. Developing state wide program on rejuvenation of the natural springs and Natural Lakes and water bodies towards increasing the water availability; Technology standardization for water harvesting and thus improving the efficacy of water availability round the year;</p> <p>(b) Study of Hydropower Development in the IHR</p> <p>I. Cumulative impact assessment of hydropower at basin scale</p> <p>(c) Assessment of water-induced hazards</p> <p>I. Monitoring and modeling for prediction of hazards, i.e. inundation, flash floods and landslides; II. Development of early warning systems for flash floods/land slides</p>
2.	<p>Livelihood Options and Employment Generation</p> <p>a) Promoting Bio-resource Planning and Use for Rural Employment Generation</p> <p>I. Digital database generation on the Himalayan resource status, availability and use-patterns; II. Field models for bio-resources management plan at the Himalayan village ecosystem level; III. Creating of new eco-tourism opportunities in the Himalayan ecosystem such as spiritual and yoga tourism, nature camps, etc.;</p> <p>b) Up-scaling tested eco-friendly economic activities for improved livelihoods and employment generation</p> <p>I. Adoption/ adaptation of tested farming options/ technologies for improved livelihood and rural employment generation for low income groups and SC/ST communities;</p> <p>(c) Database Development on Himalayan Indigenous Knowledge Systems (IKS)</p> <p>I. Operational database on the Himalayan Indigenous Knowledge System; II. Digital Library on the Himalayan IKS;</p> <p>(d) Technology development and backstopping</p> <p>I. Development of appropriate rural technologies for augmenting income and employment generation.</p>
3.	<p>Biodiversity Conservation and Management</p> <p>(a) Mountain Biodiversity Database and Information System (MBDIS)</p> <p>I. Establishment of Mountain Biodiversity Network in association with State Biodiversity Boards (SBB)</p> <p>(b) Assessment of ecosystem health and harnessing potential for overall development by involving SBB and BRs in IHR</p> <p>I. Creation of ecosystem integrity profiles for critical Himalayan ecosystems in NE states;</p> <p>(c) Promoting recovery of threatened species by involving state and institutional partners</p> <p>I. Establishment of field based recovery models of threatened Himalayan</p>

	species particularly in the degraded ecosystem across the IHR;
4.	Skill Development and Capacity Building
	(a) Strengthening of delivery systems of appropriate rural technologies through skill enhancement
	I. Increased, improved and alternative livelihood options for farmers, particularly for BPL ones, SC/ST and other weaker sections of the Himalayan society in different states;
	II. Creation of rural technology Centre in PPP mode
5.	Infrastructure Development
	I. Creation of Ideal and safe Himalayan Habitat (Urban Ecosystems)
	II. Assessment of technical and financial viability.
6.	Physical Connectivity in Himalaya
	I. New options for all weather connectivity for improving accessibility
	II. Financial viability assessment for such projects
7.	Handling of Hazardous substances
	I. Identification and quantification of hazardous materials and Plastics used in IHR
	II. Safe transport, storage and handling of Hazardous material including Urban Solid Waste in Himalaya and its financial viability
	III. Innovative approaches for making Plastic free Himalaya.