

Earth System Science Organisation (ESSO)

Ministry of Earth Sciences (MoES), Government of India, New Delhi
Geoscience/Seismology Division

Call for Proposals

Ministry of Earth Sciences, the nodal agency for promotion of Earth Sciences related studies in the country, has been undertaking various research activities towards the earthquake hazard assessment and its mitigation. Considering the importance of active fault mapping as important input for seismic hazard assessment and to meet the country's requirement to address seismic hazard associated with its diverse tectonic regimes, the Ministry has recently launched a major programme on Active Fault mapping in India to undertake active fault studies in a systematic and comprehensive way, as a part of its 12th Plan Programme. This programme aimed at (1) defining and categorization of the active faults in Indian perspective; (2) Adopting uniform methodologies for field mapping, trenching/logging and dating, etc.; (3) Generation of composite data and ensure its availability to the users in a GIS compatible format and (4) Preparation of active fault maps of the different regions and the country as a whole. In the first phase, three priority areas have been selected for the comprehensive studies related to active fault mapping in India, viz. the Northwest and Central Himalaya, Northeast Himalaya and Kachchh region in Gujarat.

Proposals are solicited from scientists/academicians working in relevant area. The proposal should form part of one of the components of Active Fault mapping like: (i) Remote sensing using aerial photographs and satellite imagery products; (ii) Field mapping of geological and geomorphological features; (iii) Geophysical surveys for delineating the subsurface ruptures; (iv) Seismologic and geodetic techniques; (v) Paleoseismology and dating techniques, etc.

Proposals may include detailed methodology, work plan, financial implications, facilities available with the institute, requirements to execute the proposed study as well as detailed biodata of the PI/Co-PI, etc.

Proposals in the prescribed format may be submitted to:

Dr Mithila Verma

Scientist and Coordinator, Active Fault Mapping Programme

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The proforma can be downloaded from the website of the Ministry of Earth Sciences

www.moes.gov.in

Proposals received up to **15 May 2014** will be taken up for review.