

**Science and Engineering Research Board (SERB)
Department of Science and Technology, Government of India**

Call for Project Proposals

Himalayan Glaciology Research Programme

The Science and Engineering Research Board (SERB) invites innovative project proposals from Indian scientists and engineers to undertake various multi-disciplinary scientific studies to quantify various physical and dynamical processes towards understanding the glacier response to climate variations in the Himalayas.

The 'Dynamics of Glaciers in the Indian Himalaya: The Science Plan' (www.serb.gov.in/pdfs/publications/DGH-SciencePlan.pdf) synthesized the available datasets and identified various thrust areas to undertake intensive observations, detailed analysis and modelling various glaciological processes involved in the past, present and future projections. In order to bridge the gaps in our understanding, SERB proposed to organize 'Scientific Expeditions to Identified Glaciers, like Gangotri Glacier'. Innovative project proposals are invited in any one of the following areas:

- Geophysical and geochemical processes at the glaciers
- Geomorphology and geochronology of the glaciers
- Glacier microclimate and mass balance by various techniques
- Snowmelt and glacier contribution to down-stream river hydrology
- Modelling the physical and dynamical characterization of the snow and Ice over the glaciers
- Aerosol and climate change impact assessment on the glaciers

Ten copies of the new project proposals, in the prescribed format (www.serb.gov.in/formats.php) are to be posted to **Dr P. Sanjeeva Rao**, Scientist-G, Department of Science and Technology, Technology Bhawan, New Delhi 110 016 for consideration of support. Also, soft copy of the proposal needs to be e-mailed to psrao@nic.in. Last date for receipt of proposals against this call is **15 December 2013**.