



## International Crops Research Institute for the Semi-Arid Tropics

### Seeks Visiting Scientists

ICRISAT invites applications from the Indian nationals for the following Visiting Scientists to be based at its Headquarters at Patancheru, Hyderabad, Andhra Pradesh, India.

**Visiting Scientist (Systems Agronomist):** To be part of multidisciplinary team of watershed scientists to undertake system research in dryland systems including crop livestock and crop based intensified systems. The candidate should have good research aptitude to explore newly emerging research topic and ability to be a good team player. In addition to regular agronomic research for enhancing the productivity systems, the candidate need to have knowledge about environment-friendly land and crop management options including social and institutional aspects.

**Requirements:** M.Sc. (Agriculture) with Ph.D. in Agronomy or related discipline with preferable three years of post-doctoral experience. (**Tenure:** Three years).

**Visiting Scientist (Crop Modelling/Climate Change):** Candidates will be responsible for undertaking crop simulation and carbon simulation modelling to predict impact of climate change in the semi-arid tropics. Also to undertake research and conduct experiments for assessing the adoption strategies to cope with the impacts of climate variability/change in watersheds.

**Requirements:** Fresh Ph.D. in Agronomy, Agroclimatology, Plant Physiology or Soil Science with at least 2 years' experience in crop modelling applications. Fluency in spoken and written English is essential. The candidate should have aptitude and skills to draft reports, research papers and formulate projects. The job involves working in inter-disciplinary team in multicultural and multinational environment and the ability to interact with partner organizations. (**Tenure:** Two years).

**Reward:** The compensation will be an all-inclusive (base pay and allowances) consolidated lump sum amount. The compensation will not be a constraint for the right candidate. Please visit [www.careers.icrisat.org](http://www.careers.icrisat.org) for a detailed position announcement and how to apply.

Please send your application by e-mail to [icrisatjobs@cgiar.org](mailto:icrisatjobs@cgiar.org), latest by **20 August 2012**. Candidates from universities/government organizations should submit their CV through proper channel.

## Science and Engineering Research Board

(A Statutory Body under the Department of Science and Technology, Government of India)

### Call for Project Proposals

#### Himalayan Glaciology Research Programme

The Science and Engineering Research Board (SERB) invites project proposals from individuals and group of Indian scientists and engineers to undertake innovative thematic scientific studies under Glaciology Programme at selected Glaciers, including Gangotri Glacier, in the Indian Himalaya. Glaciology is the study of nature, distribution and movement of glaciers and their effect upon the earth's climate. Scientific Research in Glaciology deals with the structure and properties of glacier ice, its formation and distribution, the dynamics of ice flow, permafrost, interactions with past and present climate, melt water and flash flood from glacial lakes. Glaciological research is conducted in a variety of ways, including *in-situ* field monitoring, radar soundings, ice cores and satellite remote sensing. Research and developmental activities in Glaciology are thus recognized as multi-disciplinary and integrate the expertise in several subjects as geology, hydrology, atmosphere and cryosphere.

The Science Plan on '**Dynamics of Glaciers in the Indian Himalaya**' synthesized the available database and identified various thrust areas to undertake intensive observations, detailed analysis and modelling various glaciological processes involved in the past, present and future projections.

Fifteen copies of the proposals in prescribed DST format are to be posted to **Dr P. Sanjeeva Rao**, Scientist-G, Department of Science and Technology, Technology Bhawan, New Delhi 110 016. Last date for receipt of proposals against this Call is **31 August 2012**. Also, soft copy of the proposals need be e-mailed to [psrao@nic.in](mailto:psrao@nic.in).