



राष्ट्रीय पृथ्वी विज्ञान अध्ययन केंद्र
पृथ्वी विज्ञान मंत्रालय, भारत सरकार



ESSO - NATIONAL CENTRE FOR EARTH SCIENCE STUDIES

Ministry of Earth Sciences, Govt. of India

P.B.No. 7250 Akkulam, Thiruvananthapuram 695 011, Kerala

पी.बी. नं० ७२५०, आक्कुलम, तिरुवनन्तपुरम ६९५०११, कर्नाटक

Advertisement No NCESS/05/2016

Date: 24.08.2016

Expression of interest (EOI) for Senior Consultants

The National Centre for Earth Science Studies (NCESS) is a premier autonomous R&D institute in the country functioning under the Ministry of Earth Sciences (MoES), Government of India. Over the years, the Centre has initiated studies within geosciences, marine sciences, atmospheric sciences and environmental sciences. State of the art laboratory facilities were established for different disciplines in the institute to support studies on internal as well as surface processes of the south Indian lithosphere, the adjoining Arabian Sea, Lakshadweep islands and their interaction with the atmosphere. The activities of NCESS are presently organized under i) Crustal Processes, ii) Coastal Processes, iii) Atmospheric Processes and iv) Natural Resources and Environmental Management. The programs in Solid Earth Studies mainly focus on the processes that operate both at the surface as well as at deep crustal levels. In order to implement time-bound projects as well as to provide sufficient field exposure to the young scientists of the institute, it is decided to avail services of senior and retired scientists who have proven expertise in selected fields.

NCESS currently seeks to engage four consultants to spearhead its key activities on disciplines like (a) palaeomagnetism, (b) rainwater harvesting, (c) landslides and soil piping and (d) Water and Environment. In this context, EOI is invited from suitable former scientists of national laboratories (Scientist-G or equivalent) to work as Senior Consultants. They are expected to have proven track record in the field of mafic dykes, near-surface processes and neo-tectonism, aquifer and groundwater management and on water and environment fields respectively. Interested experts satisfying the requirements in the specific research areas may apply online (<http://www.ncess.gov.in/>) only.

CHIEF MANAGER ESSO-NCESS

1. Designation

Senior Consultant: 4 Nos

Post Code 01: Palaeomagnetism

The Consultant on Paleomagnetism is expected to implement two externally funded projects (DST 80 and MoES 11) with key R&D activities on "Palaeomagnetism and mafic igneous petrology". In addition, the palaeomagnetism facility of the Centre needs to be maintained and training to be imparted to younger colleagues.

Post Code 02: Landslides and soil piping

Time-bound projects on drought and land subsidence mitigation awarded to NCESS by KSDMA need to be pursued by the incumbent in this field. These near-surface processes (landslides and soil piping phenomena) also form a core subject of research in the new science plan of the institute.

Post Code 03: Rainwater harvesting

The projected variation in climate along the western coast, like increase in temperature and reduction in number of rainy days leading to drought like situation, calls for a concentrated effort to harvest rainfall and enhance groundwater availability in the region taking the micro watershed as the unit of water conservation. NCESS is interested to engage a Consultant in the field of Rain water harvesting with a view to demonstrate water conservation methods in the field.

Post Code 04: Water and Environment

The study of river basin dynamics of Western Ghats for enhancement of flow and quality of different orders of fluvial systems as well as sustaining the health of riverine micro ecosystems has been taken up by NCESS. Two river systems, one west-flowing and one east-flowing have been identified to work out the management strategies. This program also needs guidance of a suitable senior consultant.

2. Qualification and Experience:

Former scientists of national laboratories (Scientist-G or equivalent), who are having proven track record in the field of mafic dykes, near-surface processes and neo-tectonism, aquifer and groundwater management and EIA respectively are requested to apply online for the above four positions. The consultants are expected to have high impact factor publications in relevant fields and/or field-demonstrated research outputs in the selected areas mentioned in the advertisement.

3. Funding

DST & MoES, Gol, Kerala State Disaster Management Authority (KSDMA), NCESS Project-A and NCESS Project-D

4. Consultation fee

Rs. 75,000/- per month

The position is offered for a period of two years initially and may be extendable up to a maximum period of five years. Retired Government employees of less than 65 years with experience and knowledge in the required domain are also eligible for this position.

The engagement of a Consultant is on full-time basis and he/she will not be permitted to take up any other assignment during the period of consultancy. The consultant is eligible for 12 days of leave in a calendar year on pro-rata basis. No TA/DA is admissible for joining the assignment or on completion.

Interested professionals may please apply online (<http://www.ncess.gov.in/>) only with detailed bio-data on or before 19.09.2016.

In case of difficulty in the submission of online application form (not for other queries), please email to vacancies@ncess.gov.in.