



National Centre for Antarctic and Ocean Research

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<http://www.ncaor.gov.in>

Advt. No: NCAOR/95/15

Call for Proposals for Scientific Research in the Arctic Region (2016–2017)

Application deadline: 20 December 2015

The National Centre for Antarctic and Ocean Research (NCAOR), an autonomous R&D Institution under the Ministry of Earth Sciences (MoES), Government of India has been designated as the nodal agency responsible for the planning, co-ordination and implementation of India's scientific research endeavours in the Arctic realm. On behalf of the Ministry, NCAOR invites research proposals from national scientific organizations/institutions, research laboratories and universities with a sustained interest in polar research for funded access (comprising travel, DA as per the Government of India norms, polar clothing, boarding and lodging) to the Ny-Ålesund Research Infrastructure in Svalbard, Norway.

Scientific research proposals are invited, specifically within the following fields of Arctic research:

- Atmospheric Science with special reference to study of aerosols, trace gases and precipitation over the Arctic
- Marine Science: Dynamics and functioning of Arctic fjords (Kongsfjorden)
- Environmental Chemistry: Natural contaminants in food webs and long range pollutants
- Cryospheric studies: Snow and ice chemistry, glaciology

In addition, the applicants are also encouraged to visit websites http://www.forskningsradet.no/prognett-ssf/Home_page/1253969737234 and www.kingsbay.no for more information regarding Arctic research.

Complete programme, eligibility and application information is available at: <http://www.ncaor.gov.in/>

Director (e-mail: arctic@ncaor.gov.in)

EDGE editing genomes

DBT-ICT Centre for Energy Biosciences provides a genome editing service based on λ -red recombination for genetic modification of the *Escherichia coli* genome.

- Genome modification at user-defined sites
- Modulation of gene expression levels
- Construction of marker- and plasmid-free strains

For enquiries contact:

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