



## **NATIONAL CENTRE FOR POLAR & OCEAN RESEARCH**

(An Autonomous Body under Ministry of Earth Sciences, Government of India)

Headland Sada, Vasco-da-Gama, Goa – 403 804

## **MEMORANDUM OF ASSOCIATION**

## **NATIONAL CENTRE FOR POLAR & OCEAN RESEARCH**

### **MEMORANDUM OF ASSOCIATION**

1	<p><b><u>Name of the Society:</u></b></p> <p>The Name of the Society shall be 'National Centre for Polar &amp; Ocean Research'</p>
2	<p><b><u>Location:</u></b></p> <p>The registered office of the Society shall be at Headland Sada, Vasco-da-Gama, Goa 403804.</p>
3	<p><b><u>Definitions:</u></b></p> <p>In this Memorandum, unless the context otherwise signifies:</p> <ul style="list-style-type: none"><li>a) 'Institute' means the National Centre for Polar &amp; Ocean Research</li><li>b) 'Central Government' means the Administrative Ministry in respect of the National Centre for Polar &amp; Ocean Research</li><li>c) 'Director' means the Director of the Institute.</li><li>d) 'Society' means 'National Centre for Polar &amp; Ocean Research' as registered under the Societies Registration Act 1860.</li><li>e) "He", "Him", "His" shall include "She", "Her", respectively as per context mutatis mutandis.</li></ul>
4	<p><b><u>Objectives:</u></b>The aims &amp; objectives of the Society shall be as enumerated below:</p> <ul style="list-style-type: none"><li>a) Undertake, aid, promote, guide, coordinate and conduct scientific research and technology development in the field of polar, ocean and allied sciences, and take all such necessary actions &amp; measures in furtherance thereof;</li></ul>

	<p>b) Promote, guide, conduct research in other related areas of polar, ocean and allied sciences which are contemporary, challenging and emerging areas, having potential for application in science &amp; technology;</p> <p>c) Take all actions to carry out surveys by suitable vessel for polar, ocean and allied research and acquire information, inter-alia, utilizing satellite, buoys, boats or any other platforms and remote sensors related technologies, for natural resources like krill's &amp; fisheries, minerals, hydrocarbons, etc. Conduct or cause to be conducted, investigations in all the allied fields, such as geology, geophysics, glaciology, geodetic, atmospheric sciences, oceanography, meteorology, climate modeling, marine and terrestrial biology, paleo-climatology etc;</p> <p>d) Establish, operate &amp; maintain polar research base (s) and further take all action(s) pertaining thereto. Provide all logistic support required for organizing the polar expeditions , under directions of the government;</p> <p>e) To take such action as required from a nodal institution, responsible for the coordination and execution of the entire gamut of scientific and logistic matters of the expeditions and post expedition scientific activities and advisory services;</p> <p>f) Advise and assist GOI in formulating the policies and instructions on the issues connected with polar and marine research, scientific and logistic strategies of the country reflecting the national priorities and international scenarios;</p> <p>g) Interact with various international bodies including the SCAR (Scientific Committee on Antarctic Research), COMNAP(Council of Managers of National Antarctic Programme), SCALOP, CEP, ATCM and</p>
--	---

	<p>CCAMLR regarding campaigns in polar, ocean and allied sciences and logistics, as per direction/guidelines of Government;</p> <p>h) Aid, establish and manage laboratories, workshops and technology development to assist and promote scientific research in polar, ocean and allied sciences;</p> <p>i) Undertake to design, develop, maintain, repair and procure all instruments for research work, including in association with the available expertise in the academic institutions, laboratories and industrial infrastructure;</p> <p>j) Use advanced earth observation systems including satellites for the application of remote sensing for all aspects of polar, ocean and allied research and exploration;</p> <p>k) Develop predictive modeling of the dynamic processes controlled by polar and surrounding oceans, which might be influencing global climate systems and oceans circulation patterns;</p> <p>l) Provide platform for exchange of scientific ideas and personnel, at the national and international levels towards capacity building of human resource in polar, ocean and allied sciences, as directed by the government;</p> <p>m) Establish, develop &amp; maintain a data/knowledge base inventory; Act as repository for all polar, ocean and allied sciences &amp; technology development knowledge;</p> <p>n) Establish, develop, operate &amp; maintain a national polar,ocean/maritime museum with state of the art facilities having educational and recreational value;</p>
--	--

	<p>o) Establish and manage a modern research and reference library related to polar, ocean and allied sciences &amp; technology;</p> <p>p) Provide and receive technical expertise and financial support to /from the government or non-governmental agencies/organizations for promoting polar ocean and allied research;</p> <p>q) Conduct geoscientific surveys of the country's EEZ and its extended continental shelf beyond 200Nm, deep-sea drilling in the Arabian Sea basin through the IODP, exploration for ocean non-living resources such as the gas hydrates and multi-metal sulphides in mid-ocean ridges.</p> <p>r) Institute and award research studentships/fellowships, prizes and medals in the areas of polar ocean and allied sciences;</p> <p>s) Enter into arrangement with foreign scientific agencies and institutions for exchange of scientists, study tours training in specialized areas of science and technology, conducting collaborative joint projects, seminars/symposia, invited lectures, providing and receiving technical assistance on matters consistent with the aims and objectives of the society;</p> <p>t) Assist to formulate, implement and participate at national and international scientific programmes related to polar, ocean and allied sciences;</p> <p>u) Implement strategic programmes of polar, ocean and allied research &amp; establish a knowledge base for future strategic or other interests of India;</p> <p>v) Procure, take on lease, accept as a gift or otherwise acquire, any land,</p>
--	---

	<p>building or scientific equipment(s); to construct or alter any building, which, belonging to NCPOR, wherever situated in India or outside, as deemed necessary; Further establish &amp; operate regional centres, anywhere in India or outside;</p> <p>w) Do all such other lawful acts and things as may be necessary, incidental or conducive to attain and further all or any of the objectives of the society;</p> <p>x) To raise or acquire funds or property from Central/State governments, non-governmental agencies, charitable trusts by way of donations and grants or contribution etc. for the society and utilize the same for any or all the purposes objects of the society as stated above and also for all other lawful activities;</p> <p>y) To raise or acquire funds or property from Central/State governments, non-government agencies, charitable trusts by way of donations and grants or contribution. The funds, properties, assets and all other resources, present and future, of the Society shall be utilized for any or all the purpose or objects of the Society as stated above and also for all other similar lawful activities</p>
5.	The Initial Memorandum of Association of the Society is at Appended at Annexure –I

25/ -  
1.2

## MEMORANDUM OF ASSOCIATION OF A SOCIETY


1. Name of the Society : **ANTARCTIC STUDY CENTRE**

2. Location : The registered office of the Society shall be at Head land Sada, Vasco-da-Gama, Goa - 403 804, India. The Society shall work within the territory of India.

3. Aims & Objectives of the Society :

The aims & objectives of the Society shall be as enumerated below:

- a) undertake, aid, promote, guide, co-ordinate and conduct scientific research in the field of polar science (Antarctic/Arctic) and oceanography;
- b) promote, guide, conduct research in other related frontier areas of polar and allied sciences which are contemporary, challenging and emerging and to especially foster those areas which appear to have a potential for application in a major emerging areas of science and technology;
- c) carry out surveys by suitable vessels for oceanographic and polar research and acquire information using other technologies such as satellite, L bands, boats or any other platforms and remote sensors for natural resources like krills & fisheries, minerals, hydrocarbons, etc.
- d) Conduct investigations in the fields of geology, geophysics, glaciology, geodetic, atmospheric sciences, oceanography, meteorology, climate modelling, marine and terrestrial biology, paleo-climatology etc.;
- e) establish and maintain the research base (s) at Antarctica including the chartering and purchasing as appropriate of expedition vessels, snow mobiles and helicopters etc. Provide all other logistic support required for launching / receiving the Antarctic expeditions of the country;
- f) to take up programme to serve as a nodal institution which will be responsible for the co-ordination and execution of the entire gamut of scientific and logistic matters of the expeditions and post expedition scientific activities and advisory services;
- g) encourage co-operative research in India and abroad in the field of Human physiology, cold region adaptations and all other branches of polar and ocean research;
- h) devise and formulate the policy and instructions of the GOI on the issues connected to polar and marine research, scientific and logistic

  
Director  
Earth System Science Organisation  
National Centre for Polar & Ocean Research  
Ministry of Earth Sciences, Govt. Of India  
Headland Sada, Vasco-Da-Gama, Goa-403804



24/ -  
2  
strategies of the country keeping in view the national priorities and international scenarios;

- h) interact with the SCAR [Scientific Committee on Antarctic Research], COMNAP [Council of Managers of National Antarctic Programme] and SCALOP [Standing Committee on Antarctic Logistics and Operations] in order to participate in various international campaigns in Antarctic science and logistics;
- i) establish, maintain and manage laboratories, workshops and/or other units of the organisation in order to assist and promote scientific research in the above mentioned areas;
- j) undertake the design and development of instruments, maintenance, repair and purchase of all such instruments for research work undertaken in the organisation in association wherever possible with the available expertise in the academic institutions, national laboratories and industrial infrastructure in the country and outside;
- k) use advanced earth observation satellite systems for the application of remote sensing as a tool for all aspects of Antarctic, Arctic and oceanographic research and exploration;
- l) develop predictive modelling of the dynamic processes controlled by Antarctica and surrounding oceans which influence global climate systems and ocean circulation patterns;
- m) provide a fertile platform for exchange of scientific ideas and personnel both at the national and international levels towards capacity building of human resource in polar and marine sciences;
- n) create warehousing facilities with inventories and development of enabling technologies for specialised logistics like clothing, life support systems, convoys, communications etc. required for polar expeditions.
- o) to take up programme to co-ordinate, address and monitor all environmental issues arising out of the Protocol on the Environmental Protection to the Antarctic Treaty;
- p) develop a complete data base inventory and repository for marine, Antarctic and Arctic science and operational logistics through the state of the art technologies;
- q) design and develop a national polar museum with state of the art facilities having educational and recreational value;
- r) establish and maintain a modern research and reference library in pursuance of the objectives of the organisation with reading and writing



23/-

3

rooms and to furnish the same with books, reviews magazines, scientific journals, technical reports, newspapers and other related publications.

- s) provide technical expertise and financial support to the Government and non governmental agencies/organisations for promoting polar and marine research;
- t) institute and award research studentships/ fellowships, prizes and medals in the areas of polar sciences in order to generate academic scholarship;
- 4) enter into arrangement with foreign scientific agencies and institutions for exchange of scientists, study tours, training in specialised areas of science and technology, conducting collaborative joint projects, seminars/symposia, invited lectures, providing technical assistance in the establishment of scientific institutions and for other matters consistent with the aims and objectives of the society;
- 7) invite scientists from India and abroad who are actively engaged in research in areas of interest of the organisation, to organise lectures, provide training and participate in the research activities promoted by the organisation;
- 6) participate, formulate and implement national and international scientific programmes related to polar and ocean sciences and disseminate information on matters pertaining to the academic work in the organisation and to publish scientific papers and articles in bulletins and journals. Also help to promote general awareness amongst the masses and people;
- x) initiate programmes of strategic polar research which will create a knowledge base for future commercial interests of India in the Antarctic, Arctic and surrounding oceans;
- 1) purchase, take on lease, accept as a gift or otherwise acquire, any land, building or scientific equipments and to construct or alter any building wherever situated in India which may be necessary or convenient for the organisation. Further, to establish operational/regional centres when necessary, anywhere in India;
- i) do all such other lawful acts and things as may be necessary, incidental or conducive to the attainment and furtherance of all or any of the objectives of the Society;
- j) to raise or acquire funds or property from central/state governments, non-government agencies, charitable trusts by way of donations and grants or contribution. The funds, properties, assets and all other resources, present and future, of the Society shall be utilised for any or

  
Director

24/ —  
4 2

all the purpose or objects of the Society as stated above and also for all other similar lawful activities.

4. The Governing Council of the Society shall be the body constituted to be the Governing Council under the rules and regulations of the said Society.

5. The first members of the said Governing Council shall be:

1. Dr. A.E. Muthunayagam, Secretary, DOD - Ex-officio Chairman
2. Prof. U.R. Rao, Member, Space Commission - Co-chairman
3. Dr. Harsh Gupta, Director, NGRI Ex-officio
4. Prof. BLK Somayajulu, PRL
5. Dr. George Joseph, Director, SAC Ex-officio
6. Dr. E. Desa, Director, NIO Ex-officio
7. Shri Rahul Sarin, JS & FA, DOD Ex-officio Member Finance
8. Shri. A.K. Chugh, JS (Admn.), DOD Ex-officio
9. Prof. A.K. Kashyap, Dept. of Botany, BHU
10. Dr. V.P. Sandlas, Chief Controller, R&D, DRDO Ex-officio
11. Dr. P.C. Pandey, Centre Director, ASC Ex-officio - Member Secretary

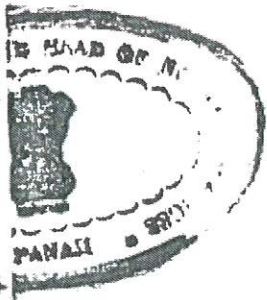
6. All the income, earnings, movable, immovable, properties of ASC shall be solely utilised and applied towards the promotion of its aims and objects only as set forth in the Memorandum of Association and no profit thereof shall be paid or transferred directly or indirectly by way of dividends, bonus, profits, or any manner whatsoever to the present or past Members of ASC including the Centre Director, ASC who shall be a full time salaried officer of ASC, or to any person claiming through any one or more of the present or past members. No member of ASC shall have any personal claim on any movable or immovable properties of ASC or make any profit, whatsoever, by virtue of his membership. The expenditure incurred from grants made by the Government of India shall be subject to such limitation as Government may impose from time to time.

7. If, on the winding up or dissolution of the Society there shall remain, after the satisfaction of all the debts and liabilities, in property whatsoever, the same shall not be paid to or distributed among the Members of the Society or any of them but shall be dealt with in such manner as the Department of Ocean Development may determine. The liquidated assets may be taken over by a Society of a similar nature or by the GOI.

  
Director



- 21) - 2  
5
8. the Government of India shall have the power to issue such directives as it may consider necessary from time to time to the Society for the purpose of carrying out or continuing the objects set out in the Memorandum of Association and Rules. The Government of India may appoint one or more persons to review or inspect the working and progress of the Society. The Society shall provide all relevant records and documents as required by such representative of the Government. The Society shall be bound to comply with the directions provided by such representative (s).
- 2 —



  
Director  
Earth System Science Organisation  
National Centre for Polar & Ocean Research  
Ministry of Earth Sciences, Govt. Of India  
Sada, Vasco-Da-Gama, Goa-403804

9) Names, Designations, Occupations, Addresses of the Members of the Managing Committee:

Sl.No	Names	Designation	Occupation	Address
1	Dr.A.E.Muthunayagam	President	Secretary, DOD	Dept. of Ocean Development, Govt. of India, New Delhi.
2	Prof.U.R.Rao	Member	Member, Space Commission	Space Commission, Dept. of Space, Antariksh Bhavan, New Bel Road, Bangalore-560094
3	Dr.Harsh Gupta	Member	Director, NGRI	National Geophysical Research Institute, Uppal Road, Hyderabad.
4	Prof.B.L.K.Somayajulu	Member	Emeritus Scientist, CSIR	Physical Research Laboratory, Ahmedabad
5	Dr.George Joseph	Member	Director,	Space Application Centre, Ahmedabad.
6	Dr.E.Desa	Member	Director, NIO	National Institute of Oceanography. Dona Paula, Goa.
7	Shri Rahul Sarin	Member Finance	JS&FA, DOD	Department of Ocean Development, Govt. of India, New Delhi.
8	Shri A.K.Chugh	Member	JS(A)DOD	Department of Ocean Development, Govt. of India, New Delhi.
9	Prof.A.K.Kashyap	Member	Professor	Dept. of Botany, Banaras Hindu University, Varanasi.
10	Dr.V.P.Sandlas	Member	Chief Controller, R&D	Defence Research & Development Organisation, South Block, New Delhi.
11	Dr.P.C.Pandey	Secretary	Adviser & Centre Director, ASC (DOD)	Antarctic Study Centre, Vasco, Goa.

*[Signature]*  
Director

Earth System Science Organisation  
National Centre for Polar & Ocean Research  
Ministry of Earth Sciences, Govt. Of India  
Ilund Sada, Vasco-Da-Gama, Goa-403804

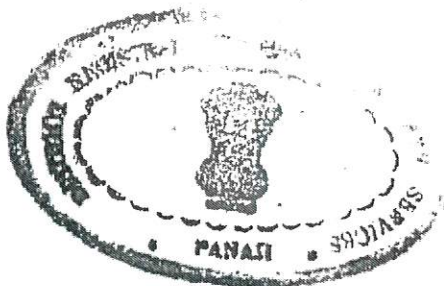
It is hereby certified that this is a true xerox copy of the Memorandum of Association of " ANTARCTIC STUDY CENTRE ".

This certified copy is issued at the request of Dr. N. KHare, made in his application dated 2/6/1998 wherein it is stated that the same is required for their Office record.

Fee of Rs. 14/- ( Rupees fourteen only ) credited to the State Bank of India, Panaji on 2/6/1998 by this office Chalan No.29/98-99 dated 2/6/1998.

Office of the District Registrar and Head of Notary Services.

Panaji, dated 2nd June, 1998.



*P. V. S. Sardeesai*

( P. V. S. SARDESSAI )

DISTRICT REGISTRAR

AND

HEAD OF NOTARY SERVICES.

*[Signature]*  
Director  
Earth System Science Organisation  
National Centre for Polar & Ocean Research  
Ministry of Earth Sciences, Govt. Of India  
Ind Sada, Vasco-Da-Gama, Goa-403804

Read by: - *U. Verle*  
Compared by *A. P. Jais*



10) We, the following persons, being desirous of forming ourselves into a Society under the Societies Registration Act, 1860 have subscribed our names to this Memorandum:

Date: 27-4-1998

Sl.No.	Names	Signature
1	Dr.A.E.Muthunayagam	<i>A.E.Muthunayagam</i>
2	Prof.U.R.Rao	<i>U.R.Rao</i>
3	Dr.Harsh Gupta	<i>H. Gupta</i>
4	Prof.B.L.K.Somayajulu	<i>B.L.K.Somayajulu</i>
5	Dr.George Joseph	<i>George Joseph</i>
6	Dr.E.Desai	<i>E. Desai</i>
7	Shri Rahul Sarin	<i>Rahul Sarin</i>
8	Shri A.K.Chugh	<i>A.K.Chugh</i>
9	Prof.A.K.Kashyap	<i>A.K.Kashyap</i>
	Dr.V.P.Sandlas	<i>V.P.Sandlas</i>
	Dr.P.C.Pandey	<i>P.C.Pandey</i>

*[Signature]*  
Director

Earth System Science Organisation  
National Centre for Polar & Ocean Research  
Ministry of Earth Sciences, Govt. Of India  
Headland Sada, Vasco-Da-Gama, Goa-403804