

MOES/16/11/10-RDEAS
Government of India
Ministry of Earth Sciences

Prithvi Bhawan, Lodhi Road,
New Delhi-110003
Dated: 28.11.2025

OFFICE MEMORANDUM

Subject: Constitution of Project Appraisal and Monitoring Committee-Hydrology & Cryosphere.

In partial modification of the OM of even number dated 17.08.2023, the revised constitution of the Project Appraisal and Monitoring Committee (PAMC) for Hydrology & Cryosphere is as follows:

S.No	Name & Institutions	Designation
1	Prof. Anil Kulkarni, Indian Institute of Science, Bangalore	Chairman
2	Prof. Sharad K Jain, National Institute of Hydrology, Roorkee	Member
3	Dr. Rasik Ravindra, Former Director, National Centre for Polar and Ocean Research, Goa	Member
4	Prof. N.C. Pant, Delhi University	Member
5	Dr. R.D. Deshpande, PRL, Ahmedabad	Member
6	Prof. C.T. Dhanya, Indian Institute of Technology Delhi	Member
7	Dr. Argha Banerjee, Indian Institute of Science Education and Research, Pune	Member
8	Dr. Parmanand Sharma, National Centre for Polar and Ocean Research, Goa	Member
9	Dr. Aparna Shukla, Ministry of Earth Sciences	Member Convener
2.	The Terms and Reference of the Committee as per the OM dated 17.08.2023 remain unchanged.	
3.	This issues with the approval of the Secretary, MoES vide E-file No. E-7455/Secy/2025-26 dated 26.11.2025.	



(Ashok Kumar Singh)
Under Secretary to the Govt. of India

To,

The Chairman & Members of PAMC-Hydrology & Cryosphere

Copy to: PSO to Secretary, MoES to JS(ES)/PPS to JS&FA/Program Head-REACHOUT (JS)

MOES/16/11/10-RDEAS
Government of India
Ministry of Earth Sciences

Prithvi Bhawan, Lodhi Road,
New Delhi-110003
Dated: 17.08.2023

OFFICE MEMORANDUM

Subject: Constitution of Project Appraisal and Monitoring Committee-Hydrology & Cryosphere.

Ministry of Earth Sciences (MoES) supports various R&D activities on various aspects of Earth System Sciences which will directly help in achieving the national goals set for the Ministry through proper utilization of the research output in operational use. For this purpose, MoES has constituted a Project Appraisal and Monitoring Committee (PAMC) for Hydrology & Cryosphere to review, monitor and guide the project proposals received for possible funding from different academic institutions with the following composition and terms of reference:

S.No	Name & Institutions	Designation
1	Prof. Anil Kulkarni, Indian Institute of Science, Bangalore	Chairman
2	Prof. Sharad K Jain, National Institute of Hydrology, Roorkee	Member
3	Prof. Pradeep Mujumdar, Indian Institute of Science, Bangalore	Member
4	Dr. Rasik Ravindra, Former Director, National Centre for Polar and Ocean Research, Goa	Member
5	Prof. N.C. Pant, Delhi University	Member
6	Dr. Argha Banerjee, Indian Institute of Science Education and Research, Pune	Member
7	Dr. Anupama Sharma, National Institute of Hydrology, Roorkee	Member
8	Representative from National Centre for Polar and Ocean Research, Goa	Member
9	Dr. Aparna Shukla, Ministry of Earth Sciences	Member Convener

Terms and Reference of the Committee is as follows:

(i) New Proposals

- To pre-appraise all the proposals received during a period of 4-6 months (whether the objectives are in National Interest or in line with the mandate of the Ministry ruling out any duplication of work. Adequacy of the core competence of the Institute proposing the project, budget of the proposal, whether the deliverables can be translated into operational use by MoES.
- To peer-review the shortlisted proposals as per the prescribed format.

- To provide guidance to PI for improvement of proposal, if required.
- To recommend the proposals to MoES for consideration for funding or for subsequent review as per the RMC procedure (Annexure I).
- To identify gap areas in the current research and encourage proposal in the identified areas/issues.

(ii) Ongoing /Completed projects

- To monitor & review the progress of the funded projects at various stages of implementation and recommend course correction for ensuring deliverables.
 - To recommend subsequent release of funds based on the progress of the project.
 - The Committee may review the specific projects, as and when required.
 - To evaluate the achievements of the completed projects vis-à-vis their objectives.
- (iii) Any other work related to implementation of approved projects.
- (iv) The Committee may co-opt expert (s) for providing specialized inputs whenever considered necessary.
- (v) The PAMC will meet at least once in six months for pre-appraisal/appraisal of new projects and review of ongoing projects depending upon the number of projects received.
- (vi) An Apex Body under the Chairmanship of Secretary, MoES will steer the activities of the PAMC.

2. Responsibilities of Member-Secretary/Convener will be as follows:

- i) To co-ordinate with the chair and members of the committee regarding:
 - Pre-appraisal/appraisal of the new proposals received.
 - Review and monitoring of ongoing proposals.
- ii) To convene the PAMC meeting/preparation and approval of the minutes/preparation of action taken report on the last meeting.
- iii) To implement the decision of the PAMC.
- iv) To organize subsequent review as per PAMC recommendations.
- v) To process for approval of the recommended project for funding.
- vi) To process for sanctioning of the approved projects and release of fund.
- vii) To update details of all sanctioned projects on Ministry's website on quarterly basis.
- viii) To invite proposal on gap areas/issues/problems identified (if any) by PAMC.
- ix) Overall co-ordination with PAMC members and Chair.
- x) Any other work as assigned by PAMC Chair.

3. Tenure of the Committee will be for a period of 3 years.
4. TA/DA, sitting fees to non-official members will be borne by MoES, as per Govt. of India rules.
5. All the expenditure for holding the PAMC meeting will be met from the REACHOUT budget head.

6. This issues with the approval of the Secretary, MoES vide E-file No. E-2826/Secy/ 2023 dated 14.08.2023.


17/8/2023
(Manjula Daniel)

Under Secretary to the Govt. of India

To,

The Chairman & Members of PAMC-Hydrology & Cryosphere

Copy to: PSO to Secretary, MoES, Sr.PPS to JS(ES)/PSO to AS&FA)/Program Head-
REACHOUT (JS)