

**GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
RAJYA SABHA  
UNSTARRED QUESTION NO. - 2114  
ANSWERED ON – 16/12/2021**

**PROJECTS IMPLEMENTAED IN TAMIL NADU**

2114. DR. KANIMOZHI NVN SOMU:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) details of schemes and projects of the Ministry implemented or being implemented in the State of Tamil Nadu;
- (b) whether Government has evaluated the performances of various schemes under implementation by the Ministry, if so, the details thereof and action being taken thereon; and
- (c) the total funds allocated for such schemes and programs?

**ANSWER**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR  
MINISTRY OF SCIENCE AND TECHNOLOGY  
AND EARTH SCIENCES  
(DR. JITENDRA SINGH)**

- (a) The Ministry of Earth Sciences (MoES) holistically addresses all the aspects relating the Earth System Science for providing weather, climate, ocean, coastal state, hydrological and seismological services to whole of the nation including Tamil Nadu. The services include forecasts and warnings for various natural disasters like tropical cyclones, storm surge, floods, heat waves, thunderstorm and lightning and tsunamis and earthquakes etc. In addition, the ministry has the mandate of making ocean survey for living and non-living resources and exploration of all the three poles (Arctic, Antarctic and Himalayas). All these activities are undertaken for entire country and not State-wise. The six major schemes of MoES are as follows:
  - (i) Atmospheric and Climate Research, Observations Science Services (ACROSS)
  - (ii) Ocean Services, Modelling Application, Resources And Technology (O-SMART)
  - (iii) Polar and Cryosphere Research (PACER)
  - (iv) Seismology and Geoscience Research (SAGE)
  - (v) Deep Ocean Mission (DOM) – Recently approved by the Govt. of India
  - (vi) Research, Education, Training and Outreach (REACHOUT)
- (b) Yes Sir. All the above schemes primarily being executed by the centres of MoES are reviewed regularly. A robust 3-tier mechanism has been adopted to monitor various schemes of the ministry. At apex level, the overall direction for implementation of programs is provided to review on half yearly basis (April and September), in the beginning of the financial year and middle of the year. At institute levels, particularly for the autonomous bodies of the ministry, the programmes are monitored periodically by the, Research Advisory Committee of the centres. The Governing Council and Financial Committee of the respective centre also review and provide direction from both technical and financial angles.

- (c) The total funds allocated for all the schemes, and the expenditure profile for the last 3 years is shown in the table below :

(In Crores)

Year	RE	Actual Expenditure
2018-19	1800.00	1745.63
2019-20	1809.74	1722.59
2020-21	1300.00	1285.76

\*\*\*\*\*