

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO. 831
TO BE ANSWERED ON TUESDAY, 27th JULY, 2021

POPULARISING EARTH SCIENCE AMONG MASSES

831. SHRI RAKESH SINHA:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) steps that are being taken to popularise earth science and to create awareness among people as earth is facing many challenges and now the focus is shifting to safeguard earth;
- (b) number of institutions related to earth science functioning in the country and number of scientists working there;
- (c) whether these institutes are linked together and functioning with mutual cooperation;
- (d) number of publications of these institutes in the last five years and their main titles; and
- (e) details of journal published by the ministry of earth science or any of its institutes?

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

- (a) Yes Sir, steps are being taken by the Ministry of Earth Sciences (MoES) to popularize earth science and to create awareness among common people through its “Outreach and Awareness Program”. Details of major activities identified under the Outreach and Awareness Programme of MoES are as following:
 - i. Exhibitions and Fairs (National & International) including Science Congress, IITF, IISF
 - ii. Seminars, Symposia, Conferences, Workshops, Trainings etc.
 - iii. Celebration of important international days/events every year, e.g. World Earth Day, World Ozone Day, National Science Day, World Meteorology Day, World Water Day, World Environment Day, etc.
 - iv. Awareness, Propagation and publicity of the Ministry’s activities through print and audio-visual media.
 - v. National and International Earth Sciences Olympiad (INESO/IESO) for school students.
- (b) There are 10 institutions functioning under the administrative control of MoES.
 - i. Indian Institute of Tropical Meteorology (IITM), Pune.
 - ii. Indian National Centre for Ocean Information Services (INCOIS), Hyderabad.
 - iii. National Institute of Ocean Technology (NIOT), Chennai.
 - iv. National Centre for Polar and Ocean Research (NCPOR), Goa.
 - v. National Centre for Earth Science Studies (NCESS), Thiruvananthapuram
 - vi. National Centre for Coastal Research (NCCR), Chennai
 - vii. National Centre for Seismology (NCS), New Delhi
 - viii. India Meteorological Department (IMD),
 - ix. National Centre for Medium Range Forecasting (NCMRWF), Noida
 - x. Centre for Marine Living Resources and Ecology (CMLRE), Kochi

Details of the scientists working in these institutions are given below :

MoES + CMLRE + NCCR	NCMRWF	IMD	NIOT	NCPOR	INCOIS	IITM	NCESS	TOTAL
142	65	549	87	46	42	181	70	1182

- (c) Yes. The above institutions are linked and functioning with mutual cooperation as per their research/operational mandate. Many major programs are inter-institutional and coordination is maintained by taking inputs from all the concerned institutes.
- (d) Total number of research publications from these institutions during the last five years are

Year	Number of Publications
2016-17	387
2017-18	398
2018-19	439
2019-20	426
2020-21	527

- (e) India Meteorological Department publishes the following journal:

Mausam – A quarterly journal of Meteorology, Hydrology and Geophysics.