



सत्यमेव जयते

पृथ्वी विज्ञान मंत्रालय  
**MINISTRY OF EARTH SCIENCES**

शोध पत्रों का प्रकाशन  
**Publications of Research Papers  
2018**

पृथ्वी विज्ञान मंत्रालय  
**Ministry of Earth Sciences**

भारत सरकार

**Government of India**

पृथ्वी भवन, लोधी रोड  
Prithvi Bhawan, Lodhi Road

नई दिल्ली - 110003

New Delhi - 110003

website: [www.moes.gov.in](http://www.moes.gov.in)

The Ministry of Earth Sciences (MoES), Government of India, is mandated to provide services for weather, climate, ocean and coastal state, hydrology, seismology, and natural hazards; to explore and harness marine living and non-living resources in a sustainable manner for the country and to explore the Arctic, Antarctic and the Himalayas. The MoES implements the various programs through the following schemes:

Scheme Name	Abbreviation
ACROSS	Atmospheric, Climate Science and Services
O-SMART	Ocean - Services, Modelling, Application, Resources and Technology
PACER	Polar Science and Cryosphere Research
SAGE	Seismology and Geosciences
REACHOUT	Research, Education, Training and Outreach
DOM	Deep Ocean Mission

The MoES is network of the following institutes:

Abbreviation	Institute Name	Location	Website
Subordinate Offices			
IMD	India Meteorological Department	New Delhi	<a href="https://mausam.imd.gov.in/">https://mausam.imd.gov.in/</a>
NCMRWF	National Centre for Medium Range Weather Forecasting	Noida, Uttar Pradesh	<a href="https://www.ncmrwf.gov.in/">https://www.ncmrwf.gov.in/</a>
Attached Offices			
CMLRE	Centre for Marine Living Resources & Ecology	Kochi, Kerala	<a href="https://www.cmlre.gov.in/">https://www.cmlre.gov.in/</a>
NCS	National Center for Seismology	New Delhi	<a href="https://seismo.gov.in/">https://seismo.gov.in/</a>
NCCR	National Centre for Coastal Research	Chennai, Tamil Nadu	<a href="https://www.nccr.gov.in/">https://www.nccr.gov.in/</a>
Autonomous			
NCPOR	National Centre for Polar and Ocean Research	Goa	<a href="https://ncpor.res.in/">https://ncpor.res.in/</a>
INCOIS	Indian National Centre for Ocean Information Services	Hyderabad, Telangana	<a href="https://incois.gov.in/">https://incois.gov.in/</a>
IITM	Indian Institute of Tropical Meteorology	Pune, Maharashtra	<a href="https://www.tropmet.res.in/">https://www.tropmet.res.in/</a>
NIOT	National Institute of Ocean Technology	Chennai, Tamil Nadu	<a href="https://www.niot.res.in/">https://www.niot.res.in/</a>
NCESS	National Centre for Earth Science Studies	Thiruvananthapuram, Kerala	<a href="https://www.ncess.gov.in/">https://www.ncess.gov.in/</a>

**Note:** The Ministry of Earth Sciences uploads year-wise publications on its website at [www.moes.gov.in/publication](http://www.moes.gov.in/publication) which is a curated list of publications and journal titles. The publications enlisted in this document are already available individually in the public domain. These have been published after a rigorous international peer review process by domain experts. The primary objective of uploading a summarised year-wise list of publications is to provide the public and scholars with a ready summary list of academic journals that may offer valuable and credible sources for their research and reference

## MoES Publications 2018

	ACROSS	OSTORMS	PACER	SAGE	TOTAL
<b>Total no. of Publications</b>	214	76	38	58	<b>386</b>

### ACROSS

1. Abhilash S., Mandal R., Dey A., Phani R., Joseph S., Chattopadhyay R., De S., Agarwal N.K., Sahai A.K., Devi S.S., Rajeevan M., 2018, Role of enhanced synoptic activity and its interaction with intraseasonal oscillations on the lower extended range prediction skill during 2015 monsoon season, **Climate Dynamics**, DOI:10.1007/s00382-018-4089-3, 1-12
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3. Acharya R., 2018, SONO BOUYS, **Indian Journal of Geo-marine Sciences**, 47, 9, 1723-1726
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5. Agnihotri G., Dimri A.P., 2018, Observed structure of convective echoes over southern Indian peninsula during pre-monsoon using TRMM Precipitation Radar, **Mausam**, 69, 2, 193-208
6. Ali M.M., Singh Neetu, Kumar M.S., Zheng Y., Bourassa M., Kishtawal C.M., Rao C.V., 2018, Dominant modes of upper ocean heat content in the North Indian Ocean, **Climate**, 6, 71, DOI:10.3390/cli6030071, 1-8
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