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## PRITHvi Vigyan (PRITHVI) Scheme

The Union Cabinet has approved PRITHvi Vigyan (PRITHVI) scheme. This is implement during the period from 2021-26 at an overall cost of Rs. 4,797 Crore. It is a comprehensive scheme of Ministry of Earth Science.



The major Objectives of the Prithvi Scheme are:

- Augment and sustain of long-term observations of the atmosphere, ocean, geosphere, cryosphere and solid earth to record the vital signs of the Earth System and change
- Development of model systems for understanding and to predict weather, ocean and climate hazards and understanding the science of climate change
- Exploration polar and high seas regions of the Earth towards discovery of new phenomena and resources;
- Development of technology for exploration and sustainable harnessing of oceanic resources for societal applications
- Translation of knowledge and insights from Earth systems science into services for societal, environmental and economic benefit.

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The Scheme integrates five on-going sub-schemes namely-

- 1) Atmosphere & Climate Research-Modelling Observing Systems & Services (ACROSS)
- 2) Ocean Services, Modelling Application, Resources and Technology (O-SMART)
- 3) Polar Science and Cryosphere Research (PACER)
- 4) Seismology and Geosciences (SAGE)
- 5) Research, Education, Training and Outreach (REACHOUT)



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