

# INDIGENOUS CLIMATE FORECASTING SYSTEM

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A state-of-the-art Earth System Model (ESM) known as the IITM-ESM has been indigenously developed at Centre for Climate Change Research (CCCR), Indian Institute of Tropical Meteorology (IITM) under the Ministry of Earth Sciences. This is the first Earth System Model from India and the climate change assessment carried out using IITM-ESM, was used in the latest Sixth Assessment Report prepared by the Intergovernmental Panel on Climate Change (IPCC). The National Climate Change Assessment report documenting the regional climate change projections, has been released to benefit students, researchers, and policymakers. The report is available at <https://link.springer.com/book/10.1007/978-981-15-4327-2>

The approximate expenditure by CCCR is about Rs.7.42 crores for the period 2017-2023.

This information was given by the Union Minister of Earth Sciences, Shri Kiren Rijiju in a written reply in the Lok Sabha today.

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