

Vigyan Samachar: MoES News
28/11/2019

IITM Scientist published articles in journal Nature on Global rainfall pattern

In a new study published by Indian Institute of Tropical Meteorology (IITM) (Roxy et. al.) in the Journal Nature on 27/11/2019, researchers found that Global Rainfall Pattern changes due to Indo-Pacific warming and reported a twofold expansion of the Indo-Pacific warm pool, the largest expanse of the warmest ocean temperature on Earth which has altered the global weather patterns, via changing the Madden Julian Oscillation (MJO). The changes in the Indo-Pacific warm pool and the MJO are related to increased rainfall over Southeast Asia, northern Australia, Southwest Africa, and the Amazon, and at the same time drying over central Pacific, along the west and east coast of United States, North India, East Africa, and the Yangtze basin in China.

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