

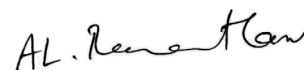
Editorial

Cloud IoT helps in efficient utilization of resources for climate calamity response and recovery operations by integrating data through IoT sensors, cloud-based platforms, etc., to optimize requirements in the place of incident and it is cost effective as well. In the changing climate scenarios, climate-smart agricultural practices are needed for the farmers to enhance the food security, livelihood etc., to mitigate and adapt to human induced impacts for the sustainable and resilient agricultural activities especially in developing countries. Generative Adversarial Networks are used for filling the missing wind data and generate realistic outcomes to address data gaps for improving the accuracy and quality of datasets and also help in improving the performance of various models. Google Earth Engine provides a wide array of satellite imagery datasets and tools for processing and analyzing flood data involving satellite imagery and hydrological models to detect and monitor recent and future flood events.

This issue covers these important aspects in its seven articles from various parts of the globe. We hope readers will get an insight into these important developments.

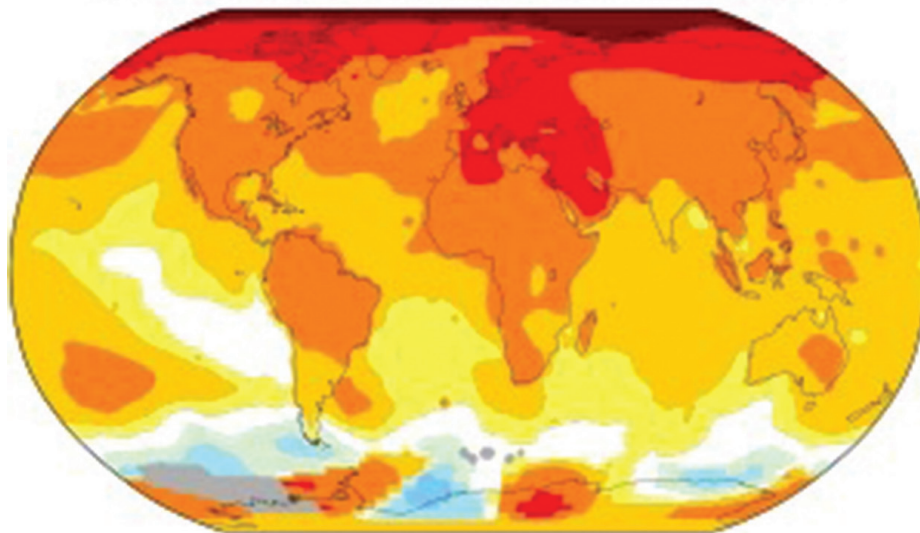
Happy reading.

March 11, 2024

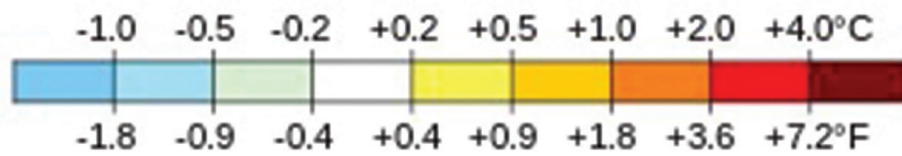


(AL. Ramanathan)
Editor-in-Chief

Temperature change over the past 50 years



Trend from 1973 to 2023



Source: Wikipedia

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