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.

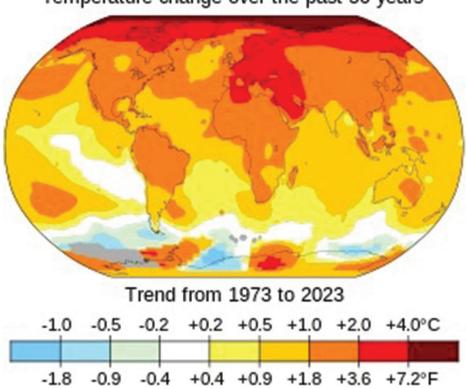
Happy reading.

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(AL. Ramanathan) Editor-in-Chief

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Temperature change over the past 50 years



Source: Wikipedia

Contents

Editorial	i
□ Snapshot	ii
Trend Analysis of Maximum and Minimum Temperature in Can Tho City, Viet Nam Nguyen Phuoc Cong, Tran Van Hung, Bui Thi Bich Lien, Dinh Van Duy, Pankaj Kumar and Tran Van Ty	1
Review on Climate Smart Agriculture Practice: A Global Perspective	
Prabal Barua and Anisa Mitra	11
Synergising Simulated Annealing and Generative Adversarial Network for Enhanced Wind Data Imputation in Climate Change Modelling	
Soumyabrata Bhattacharjee and Gaurav Kumar Gugliani	21
Disruption in Agricultural Pattern Due to Unpredictable Weather Conditions and its Effect on Farmer's Family of Kishanganj District of Bihar	
Saifuddin Soz and Md. Shahid Raza	35
Anthropocene: Human Activity Impact on the Climate and Environment	
Parthvee R. Damor	43
Advancing Flood Risk Assessment through Integrated Hazard Mapping: A Google Earth Engine-Based Approach for Comprehensive Scientific Analysis and Decision Support Rajat Agrawal, Suraj Kumar Singh, Shruti Kanga, Bhartendu Sajan,	47
Gowhar Meraj and Pankaj Kumar	4/
Monitoring and Mitigating Climate-Induced Natural Disasters with Cloud IoT Harsh Taneja, Rohan Verma, Prabh Deep Singh and Kiran Deep Singh	61