## Editorial

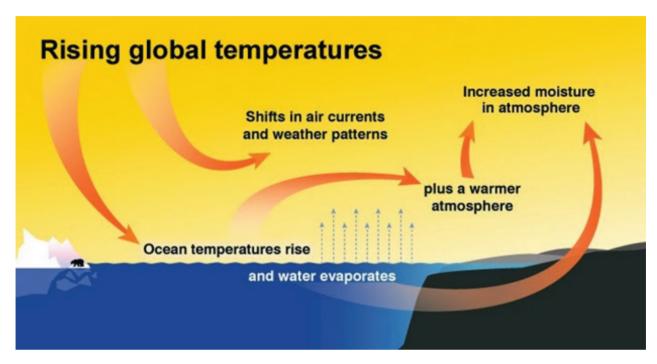
This issue contains articles covering studies on earth processes, weather forecast, and climate change worldwide. Researchers have strategised contemporary approaches and developed models to understand the climate change impact on flood economic loss, rice yield variations, rainfall forecasting, sustainable management of aquaculture and water footprint. The studies also focus on precautionary measures to bring out solutions so as to avoid any disaster or uneventful occurrences in the future.

November 29, 2023

(AL. Ramanathan)

AL. Renatan

Editor-in-Chief



Source: https://changeoracle.com/2013/12/02/infographic-warming-seas-and-extreme/

## **Contents**

Editorial	i
Palaeoenvironmental and Palaeoclimatic Conditions in the Bhimtal Valley, Kumaun Lesser Himalaya, Between 40 and 24 ka Using Granulometric Analysis  B.S. Kotlia, Manmohan Kukreti, Harish Bisht, Biswajit Palar, Martin Seiler,  Marie-Josée Nadeauc, A.K. Singh, L.M. Joshi, Anupam Sharma, Rajkumar Kashyap, Pooja Chand, Kalpana Gururani and Abhishek Mehra	1
Assessment of Flood Economic Losses Under Climate Change: A Case Study in the Ngan	
Sau River Basin, Ha Tinh Province and Vietnam  Tran Quoc Lap	13
Effects of Climate Change on Rice Yield in Northern Areas of Iran: Humidity as a Large Variability of Climate	
Hadis Sadeghi, Seyed Omid Reza Shobairi, Aliakbar Shamsipour, Hosein Mohammadi, Mostafa Karimi, Ebrahim Amiri and Saeid Soufizadeh	25
Improving Rainfall Forecasting via Radial Basis Function and Deep Convolutional Neural Networks Integration	
Hemalatha J., Vivek V., M. Sekar and M.K. Kavitha Devi	37
Reduction in the Strength of Agulhas Current During Quaternary: Planktic Foraminiferal Records for 1.2 Million Years from IODP Hole U-1474A	
Vikram Pratap Singh, Shivani Pathak and Rahul Dwivedi	45
Interactions of Seasonal Earth Processes and Climate System	
Kalman Ziha	53
Sustainable Management of Aquaculture and Water Footprint Analysis in Sunderban  Shaheen Manna, Sayantika Mukherjee, Dipanwita Das and Amrita Saha	67
Snaneen Manna, Sayantika Muknerjee, Dipanwita Das ana Amrita Sana	07