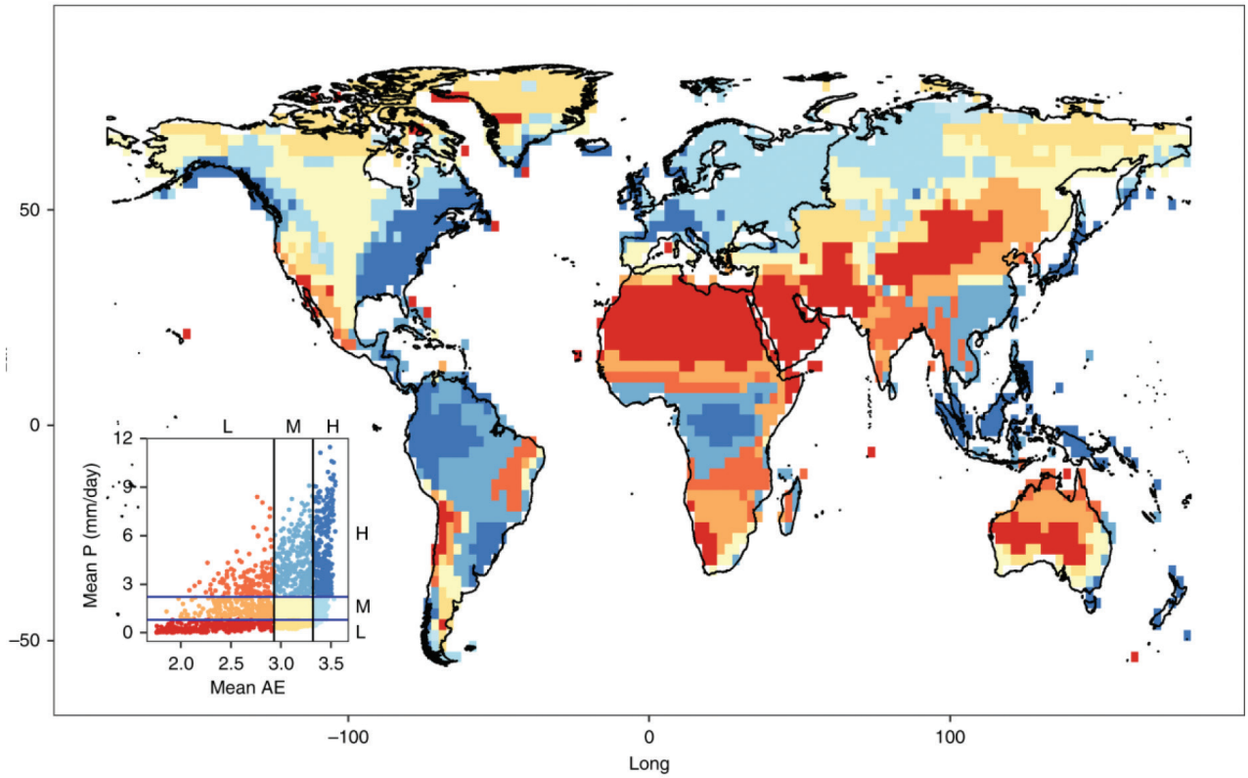
Journal of Climate Change, Vol. 10, No. 4 (2024), pp. i-iii.
DOI 10.3233/JCC240026

Editorial

The rising temperatures and variable precipitation patterns globally show almost all the regions are vulnerable to climate change that are impacting the cryosphere process, water resources, agriculture, and ecological balance. This issue investigates the importance of having a comprehensive analysis of long-term trends by incorporating climate understandings into the policy frameworks to mitigate the adverse effects of climate change and promote sustainability. The process through which it can be achieved is covered here through transformation of judicial use of resources like the organic food system, energy, climate policies, LULC and innovations in energy efficiency. These aspects thus contribute to reducing poverty, hunger, health of the people, sustainable consumption and production, climate action, protecting life on the land and under the water. Further comparative analysis of cities in one paper offers critical insights for urban planners and policymakers to develop tailored climate resilience strategies to mitigate climate risks across urban conglomerates.

November 2, 2024

(AL. Ramanathan)
Editor-in-Chief



Climate change will affect global water availability.
Source: Konapala, G. et al., 2020. Climate change will affect global water availability through compounding changes in seasonal precipitation and evaporation. *Nat. Commun.*, 11: 3044.

Contents