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On the cover

The cover photo (Credit: Satyaban Bishoyi Ratna), captured during the peak monsoon season in August 2023 at Lavasa in the Western Ghats of India, illustrates the dynamic interplay of atmospheric processes, orography, and land-water interactions that characterize monsoon systems. Low clouds, persistent rainfall, and the lush green landscape reflect intense moisture transport and convective activity associated with the Indian summer monsoon. The Western Ghats, acting as a major orographic barrier, significantly enhance precipitation, shaping regional hydrology and sustaining ecosystems and livelihoods. This scene resonates with the themes of this Special Issue on "Global and Regional Monsoons: State of the Art and Perspectives".

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