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Estimating the Aquifer's Renewable Water to Mitigate the Challenges of Upcoming Megadrought Events

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Abstract

In arid and semi-arid regions of the world, the occurrence of prolonged drought events (megadroughts) associated with climate change can seriously affect the balance between water supply and demand, thereby severely increasing the susceptibility of such regions to adverse impacts. In this study, a simple framework is introduced to estimate renewable water volumes

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