

# About the Book

---

The compendium on adaptive water resources management practices in Sindh titled “Water Wisdom - Conserving Water for Pakistan’s Future” is a comprehensive collection of efforts to address the pressing water resources challenges faced by the second most populous province of Pakistan. This initiative aligns with the Sindh Water Policy 2023 and emphasises the critical need for innovative and adaptive water management strategies to ensure the region’s sustainable development and well-being. The significant contributions of the Government of Sindh, various provincial and federal departments, and local stakeholders have enriched this compendium.

The compendium captures fourteen (14) best practices from Sindh, Pakistan and two from neighbouring Punjab province of Pakistan and the state of Rajasthan, India which would enable enhancing resilience to the water sector against the impacts of climate change while retaining the local socio-cultural values through the sustainable management of surface and groundwater resources. It is intended to serve as a practical guide

for policymakers, water resources managers, and agricultural extension workers. By adopting and scaling up the identified best practices, Sindh can move towards more efficient water use, improved agricultural productivity, and enhanced resilience to the adverse impacts of climate change. The compendium also aims to raise awareness and sensitise decision-makers, service providers, and professionals, about the beneficial use of conventional and non-conventional water resources to mitigate the impacts of seasonal climatic variations on surface run-off, river flows, canal supplies, groundwater recharge, and discharges.

The success of these adaptive practices will contribute to securing water availability for diverse demands, supporting environmental flows, and fostering economic growth and food security in Sindh, Pakistan. The compendium provides technical insights and inspires collective action towards climate change adaptation, building resilience of the water sector, and sustainable water resources management for the future prosperity of the province.

