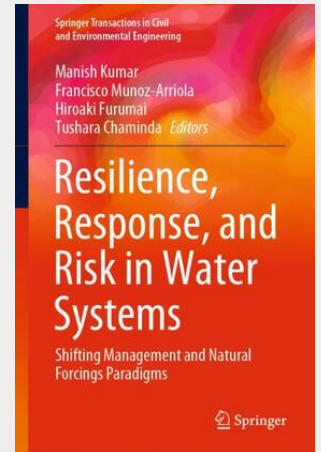


Resilience, Response, and Risk in Water Systems

Shifting Management and Natural Forcings Paradigms

This book talks about the dynamics of the surface water-groundwater contaminant interactions under different environmental conditions across the world. The contents of the book highlight trends of monitoring, prediction, awareness, learning, policy, and mitigation success. The book provides a description of the background processes and factors controlling resilience, risk, and response of water systems, contributing to the development of more efficient, sustainable technologies and management options. It integrates methodologies and techniques such as data science and engineering, remote sensing, modelling, analytics, synthesis and indices, disruptive innovations and their utilization in water management, policy making, and mitigation strategies. The book is intended to be a comprehensive reference for students, professionals, and researchers working on various aspects of science and technology development. It will also prove a useful resource for policy makers and implementation specialists.

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