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Management Study of Ghorband-Panjshir and Kunduz Rivers Basins, Afghanistan -- Chapter 15: Investigation of the High Mountain Vegetation Using Satellite Imagery, Kyrgyzstan -- Chapter 16: New Approaches and Advanced Methodology in Integrated Water Resources Management: Amu Darya River Basin -- Chapter 17: Investigation of the Various Aspects of the Kafirnigan River Basin, Tajikistan. .

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Sommario/riassunto

The book provides a cross-sectoral, multi-scale assessment of development-directed investigations in the main rivers of wider Central Asia and Afghanistan. The book highlights the development of river systems, water reservoirs, ecosystems and risks as well as the impact of climate change on water resources in Central Asian countries and Afghanistan. It provides information on the genesis of river basins, physical and chemical properties of water in rivers, and the hydrological regimes of the rivers of Central Asia and Afghanistan. The book is useful for scientists and researchers whose work focuses on rivers and the use of water resources, irrigation, ecosystems, risks, water supply, climate change and remote sensing, as well as for students and planners, administrations and other stakeholders in the water sector.

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