Handbook of Catchment Management

Addresses the fundamental requirement for an interdisciplinary catchment based approach to managing and protecting water resources that crucially includes an understanding of land use and its management.

In this approach the hydrological cycle links mountains to the sea, and ecosystems in rivers, groundwaters, lakes, wetlands, estuaries and coasts forming an essential continuum directly influenced by human activity.

The book provides a synthesis of current and future thinking in catchment management, and shows how the specific problems that arise in water use policy can be addressed within the context of an integrated approach to management. The book is written for advanced students, researchers, fellow academics and water sector professionals such as planners and regulators. The intention is to highlight examples and case studies that have resonance not only within natural sciences and engineering but with academics in other fields such as socio-economics, law and policy.

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