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Nota di contenuto	Handbook of Catchment Management; Contents; Contributors; Preface; Acknowledgements; 1: The Catchment Management Concept; 2: Wetland Management; 3: Flood Management; 4: Ecological Consequences of River Channel Management; 5: Managing Agricultural Catchments to Sustain Production and Water Quality; 6: Effluent Management; 7: Managing Urban Runoff; 8: Catchment to Coast Systems - Managing Microbial Pollutants for Bathing and Shellfish Harvesting Waters; 9: Irrigation Management in a Catchment Context; 10: Managing Potable Water Supplies; 11: Managing Catchments for Hydropower Generation 12: The Danube River - the Most International River Basin13: Murray-Darling Basin - Integrated Management in a Large, Dry and Thirsty Basin; 14: Water Resources in South East England - a Dilemma in Sustainable Development; 15: Managing the Catchments of the Great

Barrier Reef; 16: Catchment Management Case Study - Senegal River; 17: Laguna De Bay - A Tropical Lake Under Pressure; 18: Chesapeake Bay Catchment Management - Lessons Learned from a Collaborative, Science-based Approach to Water Quality Restoration; 19: The Glasgow Strategic Drainage Plan
20: The Ruhr Catchment (Germany) - the Contribution of Reservoirs to Integrated River Basin Management
21: Evolution of River Basin Management in the Okavango System, Southern Africa; 22: Basin Management Approaches used in a High-latitude Northern Catchment - the Mackenzie River Basin; 23: The Future for Catchment Management; Index

Sommario/riassunto

This book 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 addr
