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Nota di contenuto	River Conservation and Management; Contents; List of Contributors; Preface; Acknowledgements; Introduction; 1 Revisiting the Case for River Conservation; Catchment Conservation, Ecosystem Integrity and Threats to River Systems; 2 From Channel to Catchment: A 20-Year Journey for River Management in England and Wales; 3 The Rivers and Streams of England and Wales: An Overview of their Physical Character in 2007-2008 and Changes Since 1995-1996; 4 Environmental Flow Allocation as a Practical Aspect of IWRM; 5 Assessing the Hydrological Effects of Forest Plantations in Brazil 6 In the Indus Delta it is No More the Mighty Indus7 A 20-Year View of Monitoring Ecological Quality in English and Welsh Rivers; 8 Water Quality and Exurbanization in Southern Appalachian Streams; 9 Understanding and Managing Climate Change Effects on River Ecosystems; 10 Scotland's Freshwater Pearl Mussels: The Challenge of Climate Change; Methods and Approaches; 11 Can Mediterranean River Plants Translate into Quality Assessment Systems? Venturing into Unexplored Territories; 12 The Use of Bryophytes for Fluvial

Assessment of Mountain Streams in Portugal

13 Improvements in Understanding the Contribution of Hyporheic Zones to Biodiversity and Ecological Functioning of UK Rivers

14 Taxonomic Distinctness as a Measure of Diversity of Stream Insects

Exposed to Varying Salinity Levels in South-Eastern Australia;

15 Development of a Systematic, Information-Based Approach to the Identification of High Value Sites for River Conservation in New Zealand;

16 Assessing the Conservation Status of Alder-Ash Alluvial Forest and Atlantic Salmon in the Natura 2000 River Network of Cantabria, Northern Spain

17 The Use of Palaeoecological Techniques to Identify Reference Conditions for River Conservation Management

Recovery and Rehabilitation;

18 The Espace de Libert and Restoration of Fluvial

Process: When Can the River Restore Itself and When Must we

Intervene?;

19 Multi-Purpose, Interlinked and Without Barriers: The

Emscher River Ecological Concept;

20 Rehabilitation of the River Skerne

and the River Cole, England: A Long-Term Public Perspective;

21 The Unnatural History of the River Trent: 50 Years of Ecological Recovery

22 Key Factors in the Management and Conservation of Temporary

Mediterranean Streams: A Case Study of the Pardiela River, Southern

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23 The History, Development, Role and Future of River

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Management;

24 From Stockholm to Rio Il: The Natural and Institutional

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Challenges

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River

Sommario/riassunto

This book is intended for those with an academic, scientific and practical interest in river conservation and management. It provides an overview of how changes in legislation, policies, institutional responsibilities, science, technology, practical techniques and public perception have influenced how rivers have been managed over the past 20 years and the challenges that lie ahead during the next 20 years. The book is based on the international conference River Conservation and Management: 20 Years On held at York. Thirty-one chapters, with contributions from North and South America,
