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Nota di contenuto	Cover; Title; Copyright Page; Contents; List of plates; List of figures; List of tables; Preface to the first edition; Preface to the second edition; Acknowledgements; Prologue; 1 History of river basin management; 1.1 Hydraulic cultures and religious codes: management in advance of science; 1.2 The rise of hydraulics and hydrology; 1.3 Monks, mills and mines: origins of river coordination in England; 1.4 The rise of environment; 1.5 The lessons of history and the challenges of the future; 2 Natural river basins: transfer systems; 2.1 Flow of water and transport of sediment 2.2 Channel morphology 2.3 Floodplains; 2.4 Basin sediment systems; 2.5 Summary: key elements of the natural system, a sensitivity assessment; 3 Land and water: interactions; 3.1 Vegetation, soils and hydrology; 3.2 Groundwater exploitation and protection; 3.3 Runoff modifications in developed river basins; 3.4 Vegetation, soils and water quality; 3.5 Conclusions; 4 Managing land and water in the developed world: an international survey; 4.1 Development and the river basin; 4.2

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4.5 New Zealand: wise management determined by hazard4.6
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Sommario/riassunto

This is a fully revised and expanded second edition of Malcolm Newson's acclaimed book. Exploring in greater depth the meaning of sustainability in river basin development this new edition:* highlights the rapid evolution of practical concepts since the Rio Earth Summit* features new illustrations and case studies from Australia, South Africa and Israel* makes the ecosystem model more explicit throughout* strengthens coverage of the linkages between land and water management.
