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Autore	Newson Malcolm David
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5.8 Development and rivers: broad trends6 Technical issues in river basin management; 6.1 Soil erosion; 6.2 Dams: problems of sedimentation and river regulation; 6.3 Irrigation: land, water and people; 6.4 Conservation and restoration of river channels and wetlands; 6.5 Climatic change and river basin management; 6.6 Conclusions; 7 Institutional issues in river basin management; 7.1 Basin authorities: the influence of the TVA; 7.2 Does an ideal river basin management institution exist?; 7.3 Case study: sustainable basin management and UK water institutions
7.4 River basin units: land drainage leads the way7.5 Issues of resources and pollution; 7.6 Private or public? Economics and environment as institutional forces; 7.7 River basin institutions and developing nations; 7.8 Environmental assessment and management of water projects: worldwide panacea?; 7.9 International river basin management; 7.10 Conclusions: sustainability and subsidiarity-institutions which can plan basin development; 8 Sustainable river basin management: issues of the knowledge base; 8.1 Science in the 'New Environmental Age'; 8.2 The environmental sciences
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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.