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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Rivers In Czech Republic -- Role of the Water in the Landscape -- Small Water Reservoirs, Ponds and Wetlands Restoration at the Abandoned Pond Areas -- Small Bodies of Water which Have Disappeared from the Czech Landscape and the Possibility of Restoring them -- Protection of Water Resources -- Groudwater Flow Problems and Their Modelling -- Hydrodynamical Modelling in Channel – Case study -- Modelling of Outflow – Case study -- Hydrological Reclamations in the Anthropogenically Affected Landscape of Northern Bohemia -- Modelling of the Water-Retention Capacity of the Landscape -- Floodplain Forests - Key Forest Ecosystems for Maintaining and Sustainable Management of Water Resources in Alluvial Landscape -- Agrotechnology as Key Factor of Effective Use of Water

on Arable Land -- Ecosystem Services and Disservices of Watercourses and Water Areas -- Water Resources Management Planning -- Technical and Economic Evaluation of River Navigation -- Water Balance and Phase of Hydrocycle Dynamics -- Water in the Landscape from Limnological and Engineering Point of View -- Conclusions and Recommendations.

#### Sommario/riassunto

This book gathers technical and scientific contributions from leading researchers, academics, and lecturers, focusing on water management, water pollution and water structures in the Czech Republic. It discusses a variety of water resources management issues, from stormwater management in urban areas, water quantity, hydraulics structures and hydrodynamic modeling, to flood protection, presenting state-of-the-art developments for addressing a range of problems. Edited and authored by pioneers in the field who have been at the cutting edge of water management development in the Czech Republic, this book is of interest to environmental professionals, including scientists and policymakers both in the Czech Republic and around the globe.