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Soggetti	Environmental chemistry Hydrology Hydrogeology Water quality Water pollution Environmental Chemistry Hydrology/Water Resources Water Quality/Water Pollution Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Key Facts about Water Resources in Slovakia -- Assessment of Water Resources in Slovakia -- Water Supply and Demand in Slovakia -- Irrigation of Arable Land in Slovakia - History and Perspective -- Quality of Water Required for Irrigation -- Small Water Reservoirs - Source of Water for Irrigation -- Interaction Between Groundwater and Surface Water of Channel Network at Žitný Ostrov Area -- Impact of Soil Texture and Position of Groundwater Level on Evaporation from the Soil Root Zone -- Assessment of Water Pollutant Sources and Hydrodynamics of Pollution Spreading in Rivers -- Assessment of Heavy Metal Pollution of Water Resources in Eastern Slovakia -- Influence of Acid Mine Drainage on Surface Water Quality -- Formation of Acid Mine Drainage in Sulphide Ore Deposits -- Groundwater - an Important Resource of Drinking Water in Slovakia -- Influence of

Mining Activities on Quality of Ground Water -- Wastewater Management and Water Resources -- Possibilities of Alternative water sources in Slovakia -- Update, Conclusions, and Recommendation of Water Resources in Slovakia –Assessment and Development.

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Sommario/riassunto

This volume presents up-to-date information on the status and assessment of water resources in Slovakia and methods for their development. The major themes include key facts about Slovakian water resources, their assessment and development; water supply and demand; irrigation water; groundwater; water and sediment quality with a focus on mining water; wastewater management in Slovakia; and rainwater management. The book closes with general conclusions and recommendations for future research. It is a valuable resource for graduate students and researchers as well as for decision makers involved in sustainable development.

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