

1. Record Nr.	UNINA9910337913503321
Titolo	Water Resources in Slovakia: Part II : Climate Change, Drought and Floods // edited by Abdelazim M. Negm, Martina Zeleáková
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-92865-1
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVI, 343 p. 100 illus., 90 illus. in color.)
Collana	The Handbook of Environmental Chemistry, , 1867-979X ; ; 70
Disciplina	577.14
Soggetti	Environmental chemistry Climate change Hydrology Hydrogeology Sustainable development Environmental management Environmental Chemistry Climate Change/Climate Change Impacts Hydrology/Water Resources Sustainable Development Water Policy/Water Governance/Water Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Climate change impacts on water resources -- Climate Changes in Slovakia -- Analysis of Past and Present Observations and Scenarios of Future Developments -- Meteorological Drought Occurrence in Slovakia -- Hydrological Drought Occurrence in Slovakia -- Groundwater Drought Occurrence in Slovakia -- Drought as Stress for Plants, Irrigation and Climatic Changes -- Major Droughts in Slovakia in the 21st Century -- Flood Hazard in Mountainous Region of Slovakia -- Flood Risk of Municipalities in Upstream Basins of Slovakia -- Mountain Watersheds, Torrents and Torrent control in Slovakia -- Water Demand Management and its Impact on Water Resources at the Building Level -- Water Distribution System in Building and its Microbiological Contamination Minimization -- Decision Analysis Tool for Appropriate

Water Source at the Building Level -- Hydrological and Hydraulic Aspects of the Revitalization of Wetlands - A Case Study in Slovakia -- Assessment of Water Management for Sustainability of Buildings -- Update, Conclusions, Recommendations For Water Resources in Slovakia – Climate Change, Drought and Floods.

Sommario/riassunto

This book offers up-to-date information on the impact of climate change on water resources in Slovakia, the occurrence of drought and floods, hazards and protection methods. The topics covered include hydrological extremes, such as droughts and flood, in Slovakia; risk assessment and protection; sustainable management; and water management in buildings. The closing chapter provides general conclusions and recommendations for future research. It appeals to graduate students and researchers as well as to decision makers involved in planning future water resources in Slovakia.
