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Nota di contenuto	Global data for watershed modeling : The case of data-scarcity areas -- Extraction of water information based on SAR RADAR and Optical image processing: Case of flood disaster in Southern Morocco -- Potential climate change impacts on groundwater resources in Morocco : Case of Rmel-O. Ogbane aquifer -- Soil moisture retrieval using microwave remote sensing: Review of techniques and applications -- Contribution of the GIS in terms of knowledge the situation of the water resources of the plain of Saïs Fez and its middle Atlasic borders-Morocco. Aspects, methods and quantification of water resources -- The modeling of the marine intrusion and the combination of the geophysics data for the characterization of zones to intrusion in the basin of Mnasra (North Western Morocco) -- The effect of surface water pollution on the incidence of viral hepatitis: A spatial assessment using GIS maps -- Collaboration between water stakeholders needs a national standard for data exchange : Exploratory study by implementing Qgis-Python plugin.
Sommario/riassunto	This book aims to exchange and share the experiences and research results on the geospatial technology applied in water resources management. It will present the most recent innovations, trends, challenges encountered and the solutions adopted in the area of

geospatial technology. It will be beneficial for academicians, scientists, meteorologists, and consultants working in the field of water resources management.
