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Nota di contenuto	Introduction -- Assessment of Water Resources in Poland -- Surface Water Eutrophication in Poland: Assessment and Prevention -- Hydrogeological Conditions and Management of Groundwater Resources in Poland -- Water Resources in Lithuania -- Assessment of Water Resources Pollution in Lithuania -- Water Supply and Demand in Lithuania -- Wastewater Management in Lithuania -- Urban Rainwater Drainage in Lithuania -- Wastewater Sludge Management in Latvia -- Analysis of Factors Controlling Pathogen Destruction in Municipal Sludge During Handling -- Phosphors Fluxes in the Baltic Sea Region -- a Meta Data Analysis -- Regulatory Scenarios to Counteract High Phosphors Inputs into the Baltic Sea -- Water Resources of the Russian Rivers of the Baltic Sea Basin and their Possible Changes under Global Warming -- Schemes of Complex Use and Protection of Water Objects

in the Russian Part of the Baltic Sea Basin as a Basis for Water Resources Management -- Conclusions and Recommendations.

Sommario/riassunto

This unique book shares the knowledge and experience of experts and scientists who apply high-quality findings and input from their research to issues concerning the management of water resources and their quality in Baltic countries including Poland, Lithuania, Latvia, Germany and Russia. It summarizes the latest results of several systematic investigations, and assesses the occurrence and quality of surface and underground waters within the Baltic countries to help decision-makers plan for sustainable development. The book addresses a range of water resources management issues, especially those that are relevant to the water quality in these Baltic countries. It presents cutting-edge information and findings that can be effectively used to solve a variety of problems in integrated water resources management. Accordingly, it will be of interest to graduate students, researchers, water scientists, professionals, experts and practitioners working in water resources management.
