1. Record Nr. UNINA9910576883603321 Autore Han Guilin Titolo Watershed Water Environment and Hydrology under the Influence of Anthropogenic and Natural Processes Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022 Pubbl/distr/stampa 1 electronic resource (136 p.) Descrizione fisica Soggetti Research & information: general Biology, life sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia The major aims of this book, "Watershed Water Environment and Sommario/riassunto Hydrology under the Influence of Anthropogenic and Natural Processes", are to focus on innovative/new ideas on the watershed water environment from different perspectives across the field; distinguish the evolution of watershed water ecological and environmental quality; clarify the biogeochemical cycling of elements or pollutants; identify and quantify the sources of pollutants; and assess the ecological risk and human health risk of pollutants in the water environment at different watershed scales. In particular, eight peerreviewed articles were collected, mainly reporting the hydrochemistrybased watershed weathering processes and their environmental implications, trace elements and their risks, and the nutrients cycle in river-reservoir systems. Overall, these papers contribute to several

water resource protection and management.

aspects of the watershed water environment and are valuable for river