Record Nr. UNINA9910678586803321 River Basin Management: Under a Changing Climate // by Ram L. Ray, **Titolo** Dionysia Gregorios Panagoulia, Nimal Abeysingha, editors Pubbl/distr/stampa [Place of publication not identified]:,: IntechOpen,, 2023 **ISBN** 1-80355-559-9 Descrizione fisica 1 online resource (330 pages) Disciplina 333.91/15 Soggetti Watershed management Water resources development - Environmental aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto iver Basin Management - Under a Changing Climate is a collection of relevant research, experiments, and case study chapters. This book offers a comprehensive overview of recent developments in water resources planning, monitoring, and management using in situ measurements, modeling, and community participation. The book includes five sections and fourteen chapters that discuss water resources management, focusing on river basins, which includes quantifying water resources, evaluating water quality, and evaluating the impact of hydraulic structures on water resources management. Chapters also discuss the critical role of community/stakeholders in water resources, planning, monitoring, conservation, and management at smaller to larger river basins.