1. Record Nr. UNINA9910557720403321 Carolis Giacomo De Autore Titolo Remote Sensing of the Aquatic Environments Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Pubbl/distr/stampa Institute, 2021 Descrizione fisica 1 online resource (292 p.) Soggetti Geography Research & information: general Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia The book highlights recent research efforts in the monitoring of aquatic Sommario/riassunto districts with remote sensing observations and proximal sensing technology integrated with laboratory measurements. Optical satellite imagery gathered at spatial resolutions down to few meters has been used for quantitative estimations of harmful algal bloom extent and Chl-a mapping, as well as winds and currents from SAR acquisitions. The knowledge and understanding gained from this book can be used

for the sustainable management of bodies of water across our planet.