1. Record Nr. UNISA996575121003316 Titolo 2022 International Conference on Ocean Studies (ICOS) / / Institute of **Electrical and Electronics Engineers** Pubbl/distr/stampa Piscataway, New Jersey:,: IEEE,, 2022 **ISBN** 1-66547-372-X Descrizione fisica 1 online resource Disciplina 620.25 Soggetti Underwater acoustics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia The conference focuses on hardware, software, and algorithmic Sommario/riassunto developments and the World Ocean research and exploration approaches The main emphasis is on marine robotics and related areas, including autonomous underwater and surface vehicles, remotely controlled vehicles, underwater communications, and navigation As these areas heavily depend on sound propagation in the seawater, attention is also paid to computational acoustics, seismo acoustics, and oceanography and its applications The implementation of mentioned technologies for underwater environmental monitoring is also considered alongside marine ecosystem simulation techniques and its

digital twins.