



www.aria.org

**The Fourth International Conference on Technologies for
Marine and Coastal Ecosystems
COCE 2027**

October 24 - 28, 2027 - Nice, France

<http://www.aria.org/conferences2027/COCE27.html>

Important deadlines:

Submission (full paper)
Notification
Registration
Camera ready

July 5, 2027
August 22, 2027
September 5, 2027
September 19, 2027

Tracks:

Smart Ocean Monitoring and Data Analytics

- Advanced Sensor Technologies
- Data Fusion and Integration
- Real-time Monitoring and Decision Support Systems
- Ocean Data Visualization and Communication
- Big Data Oceanography

Machine Learning for Oceanographic Research

- Machine Learning for Ocean Data Analysis
- Predictive Modeling of Oceanic Phenomena
- Anomaly Detection and Event Prediction
- Species Distribution Modeling
- Automated Image Analysis for Underwater Imagery
- Oceanographic Data Assimilation
- Optimization of Autonomous Ocean Vehicles

Smart Ocean Engineering and Infrastructure

- Autonomous Underwater Vehicle (AUV) Technology
- Data-driven Maintenance and Monitoring of Ocean Infrastructure
- Smart Ports and Maritime Logistics

Smart Coastal Monitoring and Prediction Systems

- Remote Sensing Techniques for Coastal Monitoring
- Real-time Decision Support Systems for Coastal Management
- Smart Infrastructure for Coastal Monitoring
- Intelligent Coastal Protection and Adaptation

AI and Machine Learning Applications for Coastal Conservation and Restoration

- Environmental Impact Assessment and Mitigation Strategies
- Smart Offshore Renewable Energy Systems
- Species Distribution Modeling and Habitat Suitability Assessment
- Automated Monitoring of Ecological Indicators
- Prediction and Mitigation of Climate Change Impacts related to Coastal Areas

Technologies for Underwater Ecosystems

- Underwater Robotics and Automation (AUVs, ROVs, Mini-explorers, Subsea Docking Stations)
- Underwater Advanced Sensing and Imaging Technologies
- Bioacoustic and Biofluorescence Monitoring
- Underwater Communication Systems
- Marine Biotechnology Monitoring for Restoration and Pollution
- Underwater Use of Sonar, Remote Sensing, and Satellite Technologies
- Energy Harvesting Technologies for Powering Underwater Equipment
- Underwater Advanced Sensors for Pollution Detection and Mitigation
- Virtual Reality and Augmented Reality for Underwater Monitoring and Research