



[www.aria.org](http://www.aria.org)

**The Second International Conference on Technologies for  
Marine and Coastal Ecosystems  
COCE 2025**

**October 26 - 30, 2025 - Barcelona, Spain**

<http://www.aria.org/conferences2025/COCE25.html>

**Important deadlines:**

Submission (full paper)	July 8, 2025
Notification	August 24, 2025
Registration	September 7, 2025
Camera ready	September 21, 2025

**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