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The First International Conference on Technologies for Marine and Coastal Ecosystems

COCE 2024

November 17 - 21, 2024 - Valencia, Spain

<http://www.aria.org/conferences2024/COCE24.html>

Important deadlines:

Submission deadline	July 21, 2024
Notification	September 23, 2024
Registration	October 8, 2024
Camera ready	October 18, 2024

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