



# IMEKO TC-19 INTERNATIONAL WORKSHOP ON Metrology for the Sea

NAPLES, ITALY 5-7 OCTOBER 2020



**CALL FOR PAPERS** FOR THE SPECIAL SESSION ON:

**ADVANCED TECHNIQUES AND EMERGING TRENDS IN  
ECOINFORMATICS APPLIED TO DATA ANALYSIS FOR MARINE  
TURTLES, CETACEANS, SEAHORSES AND PIPEFISHES**

## ABSTRACT

Human activities on pelagic and benthic domains in offshore, coastal and transitional waters have repercussions on different emblematic species as the marine turtles, cetaceans, seahorses and pipefishes which result particularly vulnerable to cumulative impacts. Descriptive, interpretative and predictive models to assess their conservation status need a large amount of biotic and abiotic data extending from biological cycles to habitat use as well as from the incidence of local anthropogenic threats and global changes. To that regard, emerging topics in eco-informatics could highlight enormous benefits from the integration of bio-ecology with the information science and the applied technology, which allows a rapid development of a variety of strategies devoted to maintaining marine biodiversity and ecosystems services. This session is focused on the most advanced and emerging statistical techniques and technology applied to the integration of biological and environmental data oriented to the conservation of marine turtles, cetaceans, seahorses and pipefishes. Contributions with sound methodologies and/or applications are particularly welcomed.

## ORGANIZED BY



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**SPECIAL SESSION #4**

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