

Emerging Interdisciplinary Approaches to Methodologies, Techniques, Innovations and Conceptual Frameworks for Deep-Sea Archaeology

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Session Description

Deep-sea archaeology has developed important contributions in terms of innovative methods and techniques to access underwater contexts located at depths of more than 100 meters. Different disciplines such as oceanography, hydrography and underwater robotics, among others, have been integrated and have strengthened interdisciplinary approaches to the understanding of these archaeological sites. Technological evolution has contributed to the exponential growth of underwater archaeological research using several remote sensors that have made it possible to characterize shipwrecks that are difficult to access. Likewise, this type of studies has emerged in multiple nations, where even developing countries have also acquired, implemented and developed instruments that have allowed to analyze, record, document, monitor, and disseminate research on deep-sea shipwrecks. The goal of this session is to present case studies and experiences from the global context of emerging interdisciplinary approaches that have recently been developed and implemented technical, methodological innovations and conceptual frameworks as blue humanities, biocultural landscapes and shipwreck ecology for the study and protection of underwater deep-sea archaeological contexts. The exchange of experiences and the generation of best practices will enrich the international and interdisciplinary research perspectives of the participants, as long as innovation implies a constant updating of what we know and what we do as archaeologists.

Keywords

Interdisciplinary; Methodologies; Techniques; Innovations; Conceptual Frameworks; Deep-Sea Archaeology