

Innovative Biomonitoring in Port Ecosystem: Lessons and Perspectives from the QUAMPO Project

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Abstract : Biodiversity in port ecosystems faces many anthropic pressures from port activities. The maritime industry and port areas have been under scrutiny regarding their environmental impacts. In the port value chain, port managers need to implement actions to fulfil environmental certifications and European Directive requirements. This paper seeks to highlight the lessons learned and opportunities through the QUAMPO project to move towards port biodiversity restoration in Corsica using innovative biomonitoring in the goal of obtaining green certification.

Keywords : biomonitoring, port, water quality, invertebrate, corsica, biomarker, trace elements, HAP, PCB, certification

Conference Title : ICMESDA 2022 : International Conference on Marine Ecotoxicology, Statistical Design and Analysis

Conference Location : Venice, Italy

Conference Dates : June 16-17, 2022