

The PELAGOS expedition: science beyond the lab

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Science communication strategies are essential for effectively disseminating research findings to diverse audiences, from fellow scientists to the general public. In the context of the H2020 project PLASTICHEAL, which aims to evaluate the health impacts of micro-/nanoplastics, we have tailored communication actions to engage all potential stakeholders. As part of our outreach efforts, we collaborated with the Pelagos Institute in Greece to conduct a unique scientific expedition. This initiative sought to bridge the gap between laboratory research and real-world environmental challenges, fostering interdisciplinary collaboration and public engagement.

During the expedition, PLASTICHEAL scientists, typically focused on laboratory research, engaged in field activities such as monitoring dolphin and whale populations and tracking their migration routes. This hands-on experience allowed us to observe firsthand the impact of human activities on marine life. Concurrently, Pelagos scientists participated in marine water sampling to assess micro/nano-plastic levels in the region, aiming to better understand their potential effects on marine ecosystems.

This collaborative effort not only allowed us to effectively disseminate our research findings to a broader audience but also highlighted the interconnection between different scientific disciplines. It demonstrated that interdisciplinary collaboration and direct engagement with environmental challenges can significantly enhance the impact and relevance of scientific research.

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