

14.5.2 Monitoring the Health of Aquatic Ecosystems

2023–2024

The TouMaLi Research Project is a Comprehensive, Multi-Year Initiative Scheduled to run from 2021 to 2025

Reducing marine litter in Northern Africa—specifically in countries like Algeria, Egypt, Morocco, and Tunisia—is essential for protecting the region’s rich marine ecosystems. The strategy involves implementing sustainable waste management practices, promoting recycling, and encouraging reuse to minimize environmental impact. Key actions include coastal monitoring to track pollution levels, conducting comprehensive pollution assessments, and reviewing existing waste management systems to identify areas for improvement. It also involves implementing legal and technical solutions through close collaboration with local stakeholders, as well as capacity building programs and raising public awareness about marine conservation. In August 2021, a collaborative effort was initiated through the TouMaLi project, launched by the University of Rostock, Leibniz Institute for Baltic Sea Research Warnemünde (IOW), Arab Academy for Science, Technology, and Maritime Transport (AASTMT), along with other partners. This project aims to combat marine litter caused by tourism in Egypt, Morocco, Tunisia, and Algeria. Local partners include AASTMT and various Egyptian ministries, with funding of approximately 4.2 million euros from Germany's BMU, supported by ZUG gGmbH. Ultimately, this initiative is dedicated to advancing Sustainable Development Goal 14—life below water—by addressing the pressing issue of marine litter, especially plastics, to preserve ocean health for future generations.



<https://toumali.org/en/partners>

https://toumali.org/sites/toumali.org/files/documents/toumali_factsheet_eng.pdf

<https://toumali.org/en>

[Link 1: TouMaLi research project \(2021-2025\)](#)

[Link 2: TouMaLi research project \(2021-2025\)](#)

[Link 3: TouMaLi research project \(2021-2025\)](#)

[Link 4: TouMaLi research project \(2021-2025\)](#)

AASTMT Research Catalogs for 2023 and 2024

AASTMT's faculty, students, and researchers continue to excel in research across all scientific disciplines that promote sustainability and the UN SDGs, alongside pure science that deepens understanding of the marine environment and its requirements.



[AASTMT Research Catalogs for 2023 and 2024 on AASTMT webpage](#)