





















Sea-based Sources of Marine Litter Working towards global solutions

Kirsten Gilardi
IMO-UNEP-Norway Innovation Forum
World Maritime Day, 28 Sept 2023
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Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection





- Independent scientific advisory body to the UN agencies investigating environmental impacts on the ocean
- 19 GESAMP members + working group contributors
- Reports & Studies [gesamp.org]

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SEA-BASED SOURCES OF MARINE LITTER

GESAMP WORKING GROUP 43



IMO & FAO, UNEP

- > Shipping
- > Fishing
- > Aquaculture
- > LC/LP waste streams
- > Other sources



















R&S 108: Principal Findings



- Substantial body of science-based evidence
 - In particular for shipping and fishing as sources
- Data variable in type/category (not standardized)
- Geographic gaps preclude global assessments
- Data are informing mitigation/prevention
- Assessments of interventions are increasing





Developed by the Scientific Groups of the LC/LP Parties

- Methodologies and technologies to measure and reduce plastic in LC/LP waste streams.
- Microplastics in anti-fouling paint and hull coatings, including geographic hotspots for application and removal
- Scrapping and abandonment of FRP vessels





Developed by the Food & Agriculture Organization

- Costs/benefits of ALDFG* and dFAD recovery
- Optimal monitoring programmes for ALDFG
- Causal links between Illegal, Unreported and Unregulated (IUU) fishing and ALDFG.

























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IAFA

Thank You

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