



6TH MEDITERRANEAN CONFERENCE
ON MARINE
TURTLES
POREČ/CROATIA 2018



Workshop 5

Impact of marine litter on sea turtles: building synergies across the Mediterranean for monitoring ingestion and entanglement

17th October 2018

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17.30-17.45

- Introduction

17.45-18.15

- Distribution of Mediterranean institutions and projects dealing with interactions between marine litter and fauna

18.15-19.00

- Observations of the Main impacts and risks of marine litter on Megafauna (ingestion, entanglement, spatial risks)

19.00-19.30

- Discussion: constraints and further developments, identification of the needs for reinforcing capacities



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• Introduction

Worldwide:

5,000 billion floating
debris
Up to 90% is plastics

Urbanization

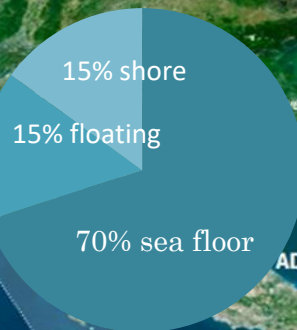
Tourism

Nearly closed area

23 countries

69 rivers

Gibraltar 14 km



**The Mediterranean Sea:
one of the most polluted
marine area in the World**

**1400 impacted
species:**

- ingestion;
- entanglement;
- bio-accumulation
+ magnification

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General context about marine debris (who does what) (after Galgani F., 2018- IFREMER)

International conventions/agreements

MARPOL Convention (73/78), London (1972), Bale (1992),
Honolulu Strategy (2011) (ref doc for collaboration and monitoring)
Berlin Conference (2013)

The global initiatives

- G7 (2015 – 2017, measures , education)
- G20 (2017, wastewater treatment , education)
- DAVOS (2017, materials/recycling)
- Our oceans/ International coalition (plastic bags pollution)
- UN Environment Assembly (3 & 4) (world's highest-level decision-making body on the environment)

United Nations /Regional Sea Conventions regional plans (OSPAR, MEDPOL, etc.)

European Directive

Marine Strategy Framework Directive (Europe, monitoring and measures)

International and local NGOs (research, awareness, education, conservation of species)



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FRAMEWORK:

- Regional Sea Conventions (SPA/RAC - Barcelona Convention Marine Litter Action Plan=
- European Project in support to European Directive (MSFD)
+ Regional Sea Conventions
- NGO monitoring

*Need to
standardized
tools*



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OBJECTIVES:

- building synergies;
- sharing existing tools & approaches;
- identify problems;
- reinforcing monitoring capacities;
- standard protocol proposal.



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1. Spain- University of Valencia- F. Domènech, O. Novillo, J. Tomas, O. Revuelta
2. Italy Adriatic- N. Novarini, G. Corazzola V.
3. Croatia-The Marine turtle rescue Centre Pula- Ž. Moslavac, K. Gobić
4. Italy- Campania- A. Pace
5. Italy- Calabria- Caretta Calabria Conservation- M. Chiara
6. Greece- MEDASSET-V. Rae, L. Kalaitzi, E. Touloupaki
Greece- MPA Missolonghi Lagoon- N. Digka
7. Greece- Archipelagos Institute of Marine Conservation- G. Pietroluongo
8. Chypre- Cyprus Turtles Conservation Project- S. Demetropoulos, A. Mastrogiacomo, M. Marcou
9. Italy- Lampedusa- Lampedusa Sea turtle Rescue centre- Andrea Parmegiani, Camilla Roldi
10. Tunisia- RAC/SPA- A. Liman, L. Ben Nakhla
11. West Medit- Med Sea litter X countries; ISPra and partners ferry monitoring- A. Arcangelli
12. West Med + Europe + Barcelona + OSPAR: INDICIT- France/Greece/Italy/Spain/Tunisia/Turkey



12. INDICIT Atl
+ Europe with
Macaronesia
France/Portugal
/Spain

13. Petra
Šinkovec
Foundation
Olive Ridley
Project
Maldives
(Entanglement)



PROTOCOLS



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