



EMODnet Open Conference  
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ONLINE EVENT



# MARINE LITTER IN THE BLACK SEA – A GROWING CHALLENGE MARE NOSTRUM EXPERIENCE

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# MARINE LITTER AND MARE NOSTRUM

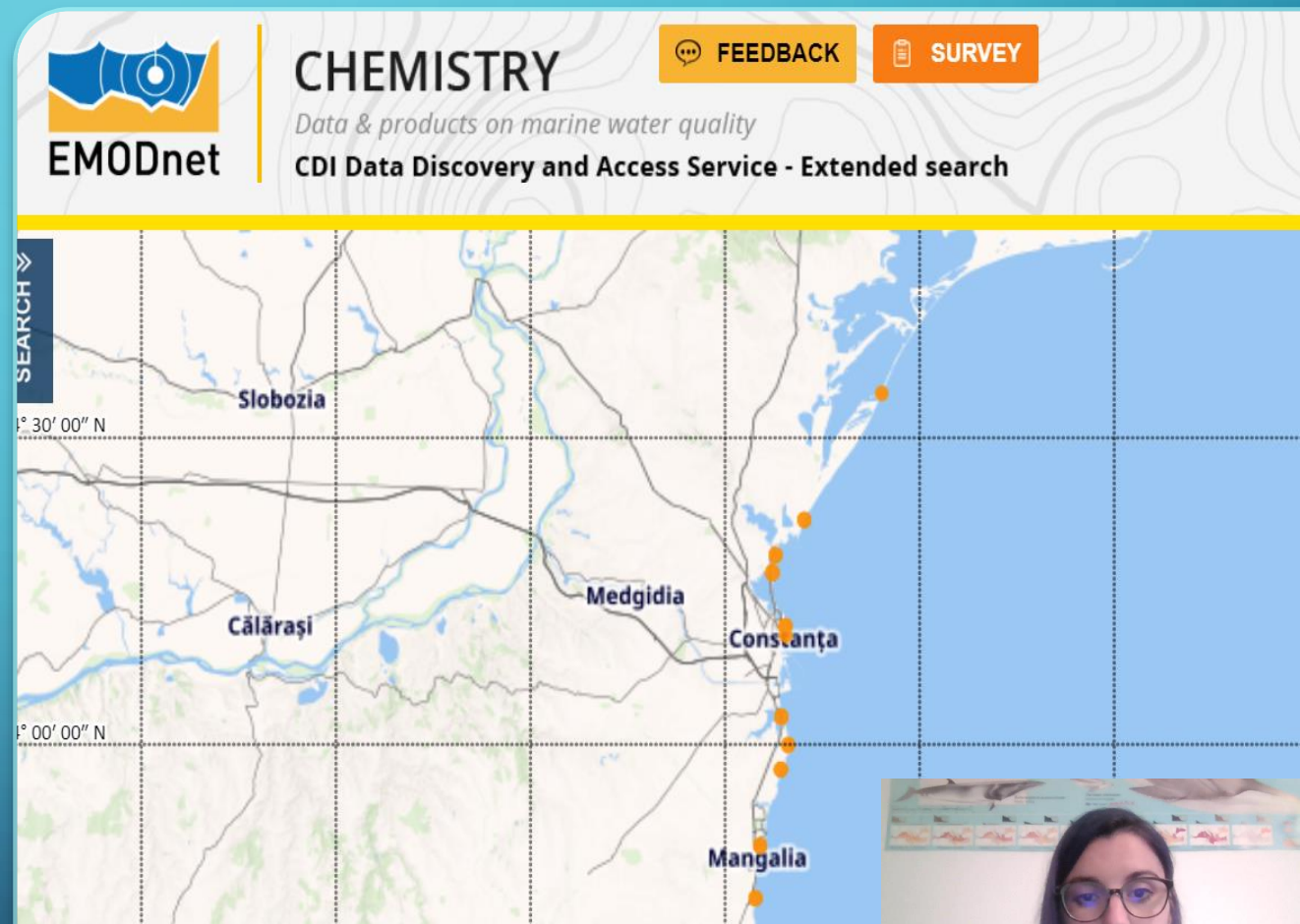


- 1997 - Mare Nostrum initiated the first awareness campaigns regarding marine litter on Romanian beaches;
- 1997 – 2017 Coastwatch;
- 2005 – 2012 “Litoral curat” project;
- European projects: MARLISCO, ANEMONE, MARLITER, CeNoBS.



# BEACH LITTER MONITORING

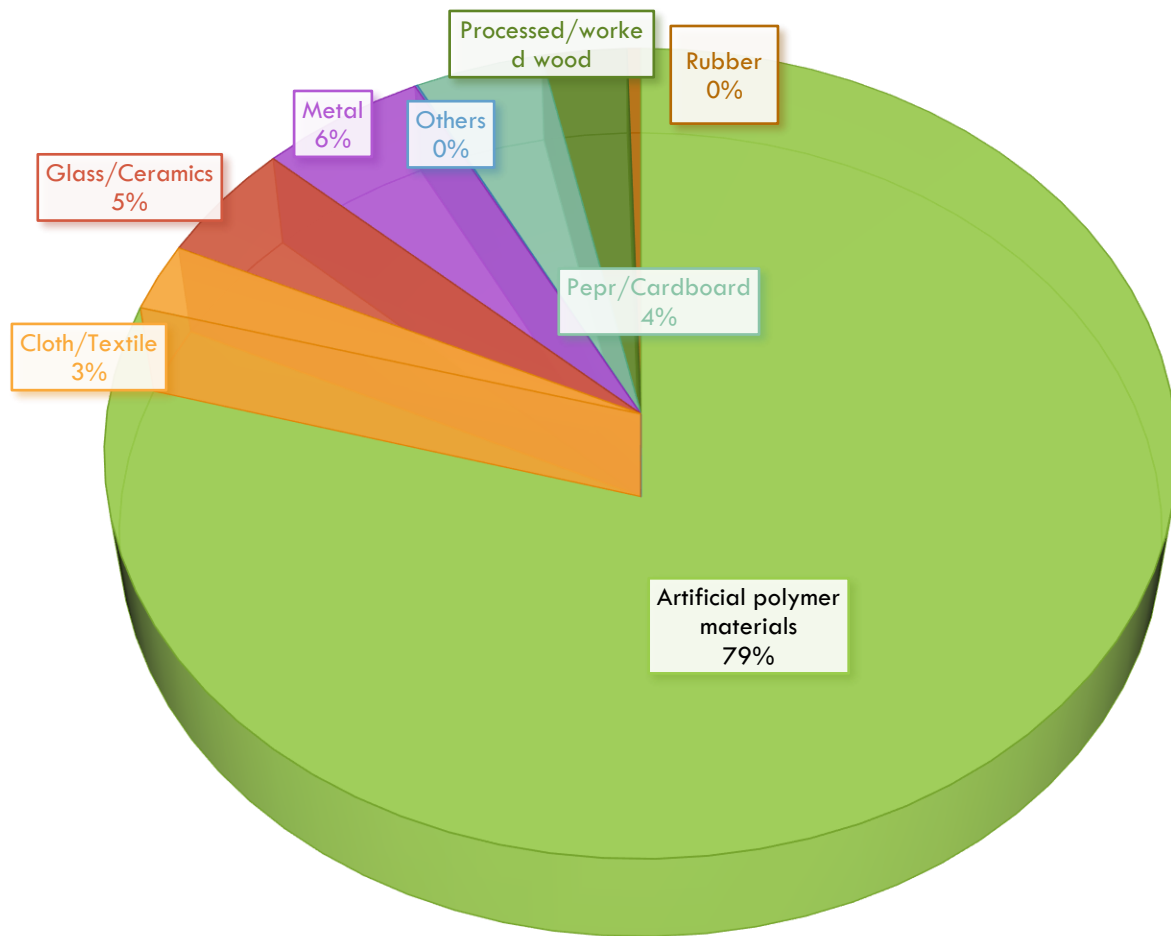
- The protocol included in the “Guidance on monitoring of Marine Litter in European Seas”;
- 10 beach sectors of 100 m length, covering the whole area between the water edges or from the strandline to the back of the beach;
- 3 monitoring/year: February (winter), April (spring) and October (autumn).



# MARINE LITTER SITUATION – 2016 - 2021



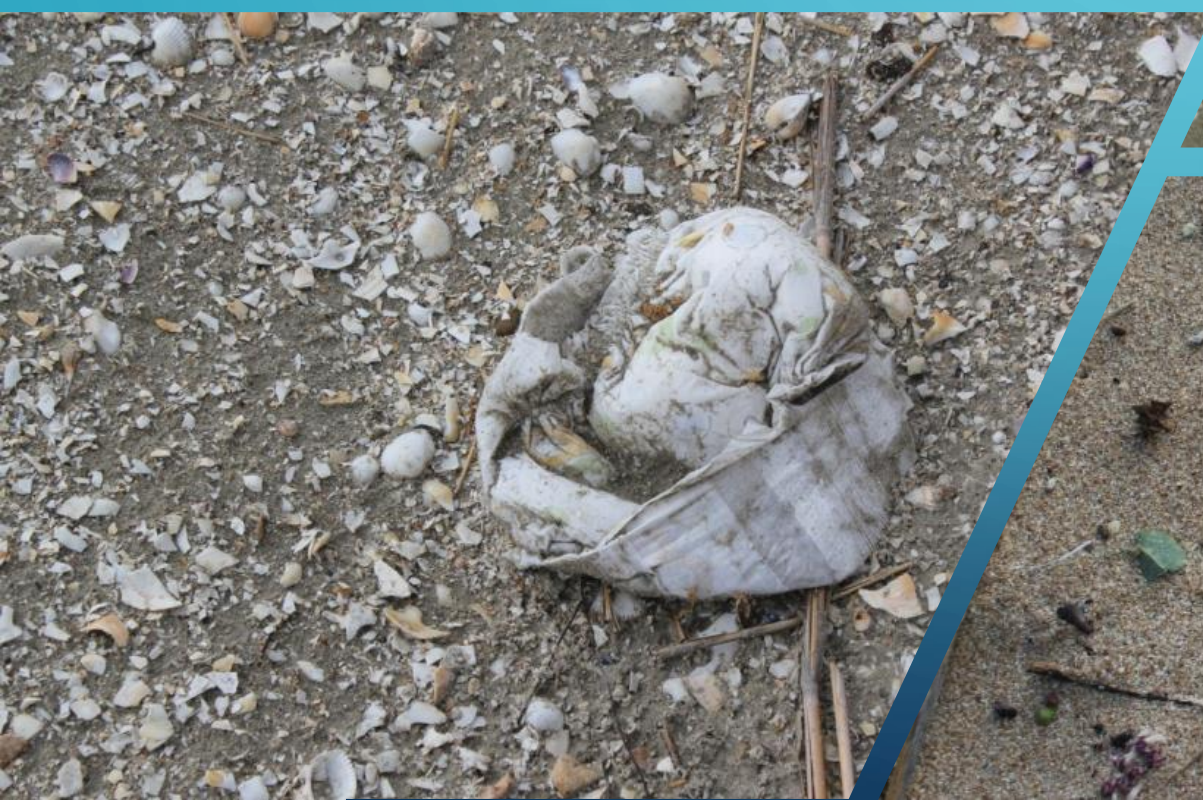




WHAT TYPES OF  
MARINE LITTER ARE  
COMMON ON THE  
ROMANIAN COAST?









# CITIZEN SCIENCE AND MARINE LITTER

People from a wide range of educational backgrounds have supported scientific studies on marine litter: teachers, students, tourists;



Using Citizen Science for marine litter monitoring can be very advantageous since waste travels with the wind and water. Thus, it can reach very remote areas or can be very spread in space, making research or intervention difficult;

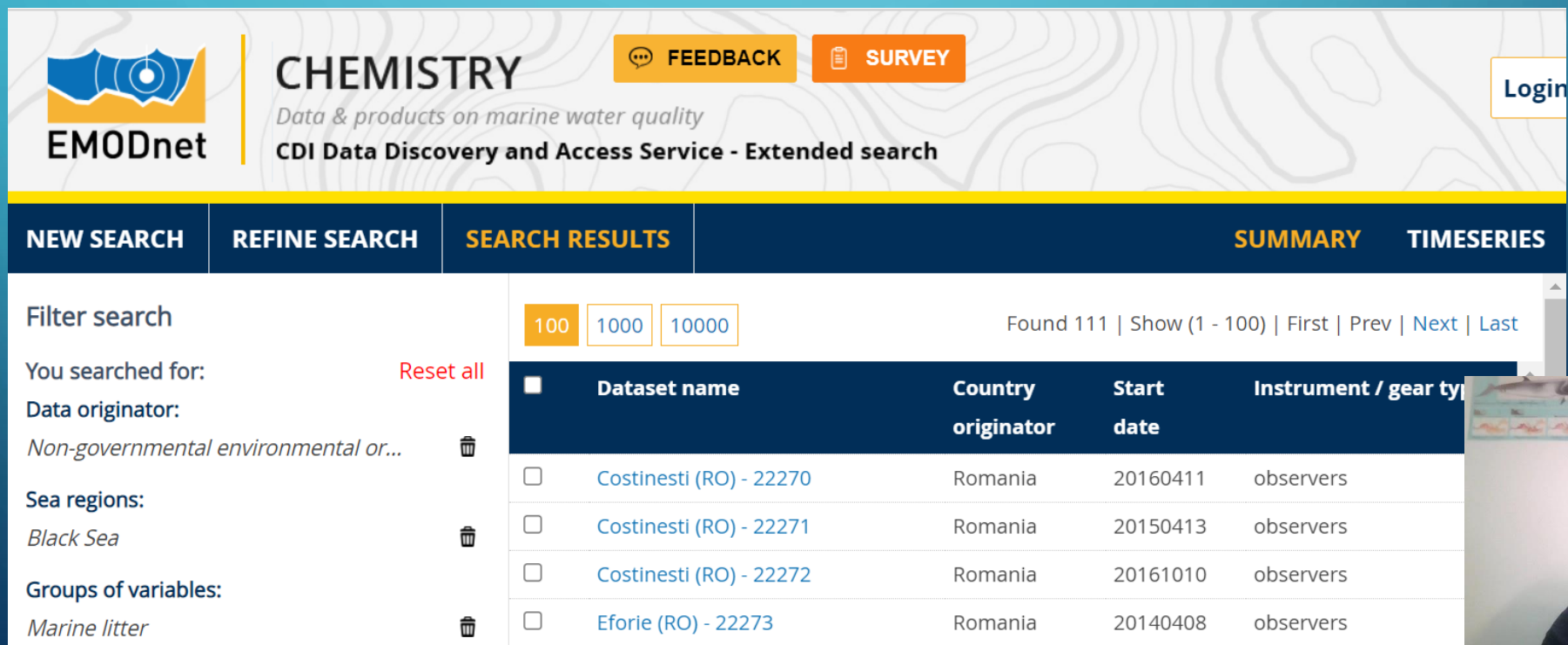
Marine litter and waste in general, are topics very close to people since they pay for it, they produce it and most of the time, they remove it.



# MARE NOSTRUM AND EMODNET CHEMISTRY

All data bases are now available through European Marine Observation and Data Network (EMODnet) Chemistry, that is supporting the implementation of Good Environmental Status for the European MSFD, for Descriptor 10: Marine Litter;

Mare Nostrum NGO is a contributor/originator for beach litter.



The screenshot displays the EMODnet Chemistry interface. The header includes the EMODnet logo, the word "CHEMISTRY", and the tagline "Data & products on marine water quality". It also features buttons for "FEEDBACK" and "SURVEY", and a "Login" button. The navigation bar has tabs for "NEW SEARCH", "REFINE SEARCH", "SEARCH RESULTS" (which is active), "SUMMARY", and "TIMESERIES".

Under the "SEARCH RESULTS" tab, there is a "Filter search" section on the left with the following filters:

- You searched for:** Data originator: Non-governmental environmental or... (with a trash icon and a "Reset all" link)
- Sea regions:** Black Sea (with a trash icon)
- Groups of variables:** Marine litter (with a trash icon)


On the right, there are pagination controls: "100" (selected), "1000", and "10000". Below these, it says "Found 111 | Show (1 - 100) | First | Prev | Next | Last".

The main content area shows a table of search results:

<input type="checkbox"/>	Dataset name	Country originator	Start date	Instrument / gear type
<input type="checkbox"/>	Costinesti (RO) - 22270	Romania	20160411	observers
<input type="checkbox"/>	Costinesti (RO) - 22271	Romania	20150413	observers
<input type="checkbox"/>	Costinesti (RO) - 22272	Romania	20161010	observers
<input type="checkbox"/>	Eforie (RO) - 22273	Romania	20140408	observers



# MARE NOSTRUM AND EMODNET CHEMISTRY

**EMODnet**

## CHEMISTRY

Data & products on marine water quality  
CDI Data Discovery and Access Service - Extended search

FEEDBACK

SURVEY

Login

NEW SEARCHREFINE SEARCHSEARCH RESULTS

SUMMARYTIMESERIES

### Filter search

You searched for:

**Data originator:**  
*Non-governmental environmental or...*

**Sea regions:**  
*Black Sea*

**Groups of variables:**  
*Marine litter*

Reset all

100100010000

Found 111 | Show (1 - 100) | First | Prev | Next | Last

<input type="checkbox"/>	ANEMONE_Joint_Cruise_2019 survey (station: 207048 - Romania)	Romania	20191005	demersal trawl nets
<input type="checkbox"/>	ANEMONE_Joint_Cruise_2019 survey (station: 207049 - Romania)	Romania	20191006	demersal trawl nets
<input type="checkbox"/>	ANEMONE_Joint_Cruise_2019 survey (station: 207050 - Romania)	Romania	20191002	demersal trawl nets
<input type="checkbox"/>	ANEMONE_Joint_Cruise_2019 survey (station: 207051 - Romania)	Romania	20191002	demer
<input type="checkbox"/>	ANEMONE_Joint_Cruise_2019	Romania	20191003	demer

EXPORT RESULTSAVE QUERY

Datasets on seafloor bottom – ANEMONE Joint Cruise 2019



# Mare Nostrum NGO

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