

# Integrating Marine Litter Monitoring to Inform Action

A global instrument to address a global pollution

📅 29 June 2022 – Centro Cultural de Cascais, Portugal



#SaveOurOcean  
#MarineDebrisMonitoring  
#IMDOS



Full day in-person event  
with livestreaming  
Upon invitation



## Integrated Marine Litter Monitoring to Inform Action

29 June 2022 | Cascais

In the context of the SDG 14.1.1 targets and the UNEA-5 announcement to forge an international legally binding agreement by 2024, **the event will focus on marine litter observation, remote sensing and modelling as key pillars for supporting the establishment of realistic plastic litter reduction targets and developing policies to reach these targets.** The full day event includes an official side event of the **UN Ocean Conference**, plenaries, panel discussions, luncheon dialogues, technologies presentations and demonstrations followed by a social event. **No UN Official accreditation will be needed to attend this event.**

The event will address a broad variety of stakeholders including member states representatives to advocate the necessity of a global sustained **Integrated Marine Debris Observing System (IMDOS)** that will work hand in hand with the **UNEP Global Partnership on Marine Litter** to address critical knowledge gaps and other stakeholder needs, including by supporting the Digital Platform.

Event Organisers: **Global Ocean Observing System (GOOS)**, the **GEO Blue Planet initiative**, **Atlantic International Research Centre (AIR Centre)**, **Mercator Ocean International** and the **UNEP Global Partnership on Marine Litter (GPMML)**.



## AGENDA



### UN Ocean Conference 2022 side event (ID: OBZA5)

8:30 – 10:00 | Centro Cultural de Cascais

ECOP Moderator: Delphine Lobelle (Utrecht University, Netherlands)

8:30 - 8:45	<b>Welcome notes</b>	Cascais Municipality (Carlos Carreiras, presidente) Ministry of Science, Technology and Higher Education of Portugal European Commission (Sigi Gruber, active senior advisor)
8:50 - 9:20	<b>Keynote speech - Marine litter: what, when and where to monitor</b>	Richard Thompson (University of Plymouth)
9:20 - 9:30	<b>Introduction to Panel discussion - Marine debris monitoring for global policy</b>	Heidi Savelli-Soderberg (UNEP)
9:30 - 9:40	<b>Introduction to Panel discussion: Towards an Integrated Marine Debris Observing System (IMDOS)</b>	Alexander Turra (University of Sao Paolo)
9:40-10:10	<b>Panel Discussion: Integrated Marine Debris Monitoring System to Inform Action</b>	Heidi Savelli-Soderberg (UNEP) Toste Tanhua (GOOS/GEOMAR) Marc Metian (UN IAEA-MEL) Amy Lusher (NIVA, Norway) Alexander Turra (University of Sao Paolo) Keiji Nakashima (Ministry of Environment Japan)
		<i>Moderator: Audrey Hasson (Mercator Ocean International / GEO Blue Planet)</i>
10:10-10:30	<i>Coffee Break</i>	

## Morning Forum

10:30-12:00 | Centro Cultural de Cascais

ECOP Moderator: Tomoko Takahashi (JAMSTEC, Japan)

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10:30-10:45	<b>Global Partnership on Marine Litter (GPML) concept and next steps</b>	Marta Ottogalli (UNEP) and Saiful Ridwan (UNEP)
10:45-11:00	<b>Data for decision making and measuring progress</b>	Nicola Balbarini (UNEP-DHI Centre on Water and Environment)
11:00-11:15	<b>IMDOS concept and next steps</b>	Stefano Aliani (ISMAR, CNR, Italy) and Artur Palacz (GOOS/IOCCP, Institute of Oceanology Polish Academy of Sciences, Poland)
11:15-11:30	<b>Harmonizing monitoring methods and sharing of data in Japan as an enabling tool to tackle ocean surface microplastics</b>	Keiji Nakashima (Ministry of Environment Japan)
11:30-12:00	<b>Panel Q&amp;A</b>	All speakers from Morning Forum

*Moderator: Audrey Hasson (Mercator Ocean International/ GEO Blue Planet)*

Ask the panellists questions via [www.slido.com](https://www.slido.com) | Code: #IMDOS

12:00-12:30 *Walk over to Hotel Baia (5 mins away)*

### More information via the QR codes below:

Latest agenda online



List of speakers & bios



Event webpage



## Luncheon Dialogues

12:30 – 13:30 | Hotel Baia, Cascais

**Roundtable 1: The implication of Civil Society in global monitoring**

**Lead:** René Garelo (IEEE-OES)

**ECOP co-lead:** Mafalda de Freitas (Peniche Ocean Watch, Portugal)

**Roundtable 2: From data to decision making support tool: GPML Digital Platform**

**Lead:** Lisbet Rhiannon Hansen (UNEP-DHI Centre on Water and Environment)

**ECOP co-lead:** Audrey Hasson (Mercator Ocean International/ GEO Blue Planet)

**Roundtable 3: From coordinated observations to harmonized and integrated databases**

**Lead:** Ryota Nakajima (JAMSTEC)

**ECOP co-lead:** Delphine Lobelle (Utrecht University)

**Roundtable 4: Capacity building in monitoring marine litter**

**Lead:** Marc Metian (UN IAEA-MEL)

**ECOP co-lead:** Christine Knauss (University of Maryland, USA)

**Roundtable 5: The data you need**

**Lead:** Amy Lusher (NIVA, Norway)

**ECOP co-lead:** Refilwe Mofokeng (University of KwaZulu-Natal)

**Roundtable 6: Bridging gap between remote sensing and in situ for Marine Litter Monitoring**

**Lead:** Victor Martinez-Vicente (Plymouth Marine Laboratory (PML), the UK)

**ECOP co-lead:** Tomoko Takahashi (JAMSTEC)

## Afternoon Forum

14:00-17:00 | Hotel Baia

ECOP Moderator: Christine Knauss (University of Maryland, USA) & Mafalda de Freitas, (Peniche Ocean Watch, Portugal)

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14:00-14:15	<b>Remote Sensing</b>	Victor Martinez-Vicente (Plymouth Marine Laboratory)
14:15-14:30	<b>Modelling</b>	Atsuhiko Isobe (Kyushu University, Japan)
14:30-14:45	<b>Sampling and Analysis</b>	Amy Lusher (NIVA, Norway)

- 14:45-15:00 **Artificial Intelligence** Carolina Sa (Moon-shot Challenge, Portugal Space Agency) and Leonardo Azevedo (CERENA-IST / Project SMART)
- 15:00-15:30 **Q&A Discussion**  
Ask the speakers questions via [www.slido.com](https://www.slido.com) | Code: #IMDOS
- 15:30-16:00 *Refreshments*
- 16:00-17:00 **Live demonstrations**  
**Argos Solution to track Macro Plastics** - Marc Lucas (CLS, France)  
**Coastal Marine Litter Observatory (CMLO) and Plastic Litter Projects (PLP)** - Kostantinos Topouzelis (University of the Aegean, Greece)  
**OceanScan** - Jesús Peña-Izquierdo (Lobelia, Spain)  
**Tackling the Marine Litter with the MAELSTROM App** - Davide Poletto (Venice Lagoon Plastic Free, Italy)  
**In situ monitoring** - Carlos Borges (Instituto Hidrográfico de Portugal)
- 17:00-17:30 *Transition/ Walk over to Kbeuno restaurant (9 mins walk)*

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## Concluding & Social Event

17:30-19:30 | K Beuno Restaurant

ECOP Moderator: Refilwe Mofokeng (University of KwaZulu-Natal)

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- 17:30-18:15 **Concluding remarks** Cascais Municipality, ECOPS, Event Organisers
- 18:15-19:30 **Local solutions**  
**Plastic Odyssey** – Simon Bernard  
**H2020 Maelstrom** - Philip Ehrhorn (The Great Bubble Barrier)  
**Peniche Ocean Watch** – Mafalda de Freitas  
**#GetInvolved** - Refilwe Mofokeng (University of KwaZulu-Natal)
- 19:30 onwards We are also planning on organising a self-paid dinner for those who wish to continue discussing after the event. If you are interested in joining, please let the organisers know before 12:00.



## Contacts

Audrey Hasson – [ahasson@geoblueplanet.org](mailto:ahasson@geoblueplanet.org)

Artur Palacz - [a.palacz@ioccp.org](mailto:a.palacz@ioccp.org)



## Getting to each venue

The event will take place at 3 different venues (5-10 mins walking distance apart):

### UN Ocean Conference side event & Morning Forum

8:30 – 12:00

**Centro Cultural de Cascais**  
Av. Rei Humberto II de  
Itália, 2750-642 Cascais

### Lunch Dialogues & Afternoon Forum

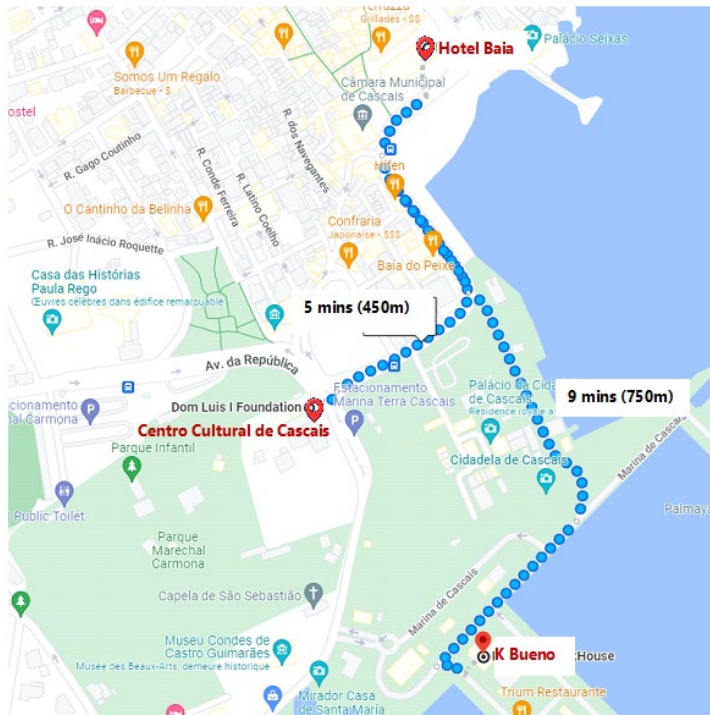
12:30 – 17:00

**Hotel Baia**  
Passeio de Dom Luís I  
2754-509 Cascais

### Social & Concluding Event

17:30-19:30

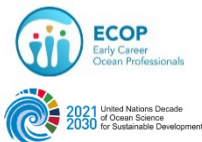
**K bueno restaurant**  
Cascais Marina - piso 1  
Casa de São Bernardo  
2750-800 Cascais



## Co-organisers of this event:



OceanBRIDGES (Bridging (Ocean) Research, Innovation and Diversity across Generations of Experts and Stakeholders) is a Task Team of the UN Ocean Decade endorsed by the Early Career Ocean Professional (ECOP) programme. We organise events (such as this one) and facilitate networking



**[Join us!](https://shorturl.at/iuFP6) Be part of our trans-generational knowledge-sharing network:  
[shorturl.at/iuFP6](https://shorturl.at/iuFP6)**

Through OceanBRIDGES, we invited the following ECOPs to moderate this event:



**Refilwe  
Mofokeng**  
University of  
KwaZulu Natal,  
South Africa



**Mafalda de  
Freitas**  
Peniche Ocean  
Watch, Portugal



**Christine  
Knauss**  
University of  
Maryland,  
United States



**Tomoko  
Takahashi**  
JAMSTEC,  
Japan



**Delphine  
Lobelle**  
Utrecht  
University,  
Netherlands

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**THANK  
YOU!!**