

ESA OceanSODA Stakeholder Workshop

Date and Time:

Thursday April 22, 2021: 15-19h CET (open event) via ZOOM

Friday April 23, 2021: 09-13h CET (closed event) via ZOOM

Background:

The ESA funded OceanSODA project aims to establish the role that satellite-based Earth Observations can play in supporting and expanding research and monitoring in ocean acidification (see <https://esa-oceansoda.org>). A focus of the project are downstream impact assessments. Those include the characterization and analysis of how upwelling (of low pH waters), compound (heatwaves and low pH) extreme events, and large river outflows (of low pH waters) impact the carbonate system, and how these conditions affect marine organisms and ecosystems. This workshop aims to bring project members and stakeholders together to work closely to identify gaps and opportunities for utilising the data and products.

Objective:

The objectives of the stakeholder workshop are to co-design and formulate:

- (i) observational (data) needs (gaps and opportunities)
- (ii) data streams and communication channels

for satellite-based products associated with ocean acidification and its management and mitigation. In particular, this workshop aims to identify how the already established products can be further developed in order to be most helpful for the community. The outcome of the workshop will be consolidated into a roadmap and written up in the form of a workshop brief.

Stakeholders:

The workshop is designed to bring together representatives of NGOs (WWF, IUCN, etc), policymakers (national, UN (e.g. UN Decade of the ocean, SDG 14), commercial entities (industries, fishermen, tourism), and the research community.

Program:

The workshop is split into two consecutive half days, in order to accommodate the two main goals, i.e., stakeholder engagement and the drafting of the workshop paper outlining a potential roadmap. The first half day (open event) starts with a presentation of the products and services that OceanSODA has already developed, followed by presentations from stakeholders describing their needs, views and perspectives. The half day is concluded by a panel discussion. Sufficient time is allocated for Q&A after each presentation. The second half day is a closed event and focuses on the writing of the workshop brief.

Application:

People interested in participating at the event should contact the lead organizer (nicolas.gruber@env.ethz.ch). Please indicate your affiliation and your core interest/expertise. Please also indicate if you are potentially interested in participating in the second half day as well.

Day 1 (open event) (not all speakers confirmed yet)

All times in CET

15:00	Gruber	Introduction to workshop
15:10	Shutler et al.	Overview of OceanSODA data products
15:30		Q&A
15:40	WWF (TBD)	Perspective of Stakeholder I
15:55	IUCN (D. Seitaj)	Perspective of Stakeholder II
16:10	Break	
16:25	Ocean Conservancy (S. Cooley)	Perspective of Stakeholder III
16:40	GOA-ON (S. Widdicombe TBC)	Perspective of Stakeholder IV
16:55	OA Alliance (J. Turner)	Perspective of Stakeholder V
17:10	Open floor	Perspective of any participant
17:30	Break	
17:45		Panel discussion with stakeholders
18:00		Panel discussion
18:15		Panel discussion
18:30		Panel discussion with Q&A
18:45	Gruber	Wrapping up
19:00		Closure

Day 2 (closed event)

09:00	Gruber	Introduction to day 2
09:15	Gruber	Introduction to workshop draft paper
09:30	all	Breakout groups 1-4
09:45		Breakout groups 1-4
10:00		Breakout groups 1-4
10:15	Break	
10:30		Breakout groups 1-4
10:45		Breakout groups 1-4
11:00		Breakout groups 1-4
11:15		Breakout groups 1-4
11:30	Break	
11:45	BG 1 & 2	Report
12:00	BG 3&4	Report
12:15	all	open discussion
12:30	all	open discussion
12:45	Gruber	Wrapping up, next steps
13:00		closure

Organizing committee:

Nicolas Gruber (ETH Zürich, Switzerland)
Roberto Sabia (European Space Agency, Italy)
Peter Land (Plymouth Marine Laboratory, UK)
Bertrand Chapron (Ifremer, Brest, France)

Jamie Shutler (University of Exeter, UK)
Diego Fernandez (European Space Agency, Italy).
Helen Findlay (Plymouth Marine Laboratory, UK; North East Atlantic Ocean Acidification Hub)