



Second Operational Satellite Oceanography Symposium

A joint meeting co-organised by **EUMETSAT & NOAA NESDIS STAR**

25-27 May 2021

with optional Training on 28 May 2021

Virtual

The Executive Steering and Programme Committees are pleased to invite you to the second international Operational Satellite Oceanography Symposium (OSOS-2) to be held in a virtual format, on 25-27 May 2021.

Abstract Submission Deadline: 1 March 2021

This second OSO Symposium will build on our first gathering in June 2019 of community members involved in all levels of the observation-to-information value chain, from data providers to users, of operational satellite oceanographic data, products and applications. This second symposium will cut across several value chain levels with specific focus themes around which we can evaluate progress. Additionally, the programme committee anticipates that submitted abstracts will touch on at least one, and as many as possible, of the cross-cutting topics identified below to be of particular and timely interest.

Major Themes (not mutually exclusive)

Satellite Data in Coupled Models:

- state of the art and issues in data assimilation systems
- alternative methods to data assimilation,
- use of novel observations (e.g. surface currents, ocean colour)
- what geophysical parameters are preferred for assimilation (e.g., radiances, stress, currents),
- observation uncertainties

Applications: emerging regions and/or sectors, gaps in observations and/or data products, ensuring & evaluating fitness-for-purpose

Facilitating the use of data across the user spectrum: access, visualisation, interoperability, “analysis ready data”, cloud services, reporting of uncertainties, user definition of product processing sophistication

Innovation: innovative approaches towards operational services within the broader context of OSO

Cross-cutting Topics of Interest throughout the Major Themes

Coupled Modelling (among coastal, ocean, atmosphere, and/or climate)

Geographical regions:

- Coastal
- Arctic
- Estuaries
- Land-coastal interface
- Coastal-ocean interface

Sectors:

- Safety/Disaster/Extreme Events
- Ecological Forecasting
- Environmental Analysis and Prediction
- Water Quality
- Coastal Hydrology

Artificial intelligence/machine learning

Strengthening Research-to-Operations-to-Research for ocean applications and systems

SECOND INTERNATIONAL OPERATIONAL SATELLITE OCEANOGRAPHY SYMPOSIUM

25-27 May 2021,
Virtual meeting

The Programme Committee will build up the program based on selected abstracts. Abstracts chosen for oral presentation, will be assembled in theme session to inspire and motivate guided panel discussions. Successful abstracts not chosen for oral presentations will be presented in virtual poster sessions. All relevant abstracts received by the deadline will be considered for placement into the Programme Abstract document assembled for the meeting.

Attendees will also have an optional training opportunity on 28 May, focussing on satellite data tools and services: such as search, visualization, access, basic data analysis and simple manipulation.

ABSTRACT SUBMISSION: to submit abstract please click [HERE](#)

Deadline: 28 February 2021

REGISTRATION: Free! to register please click [HERE](#)

Deadline: 15 May 2021

For more details please visit the meeting website: <https://www.eventsforce.net/osos2021>

Executive Steering Committee

- Bojan Bojkov - EUMETSAT
- Christopher Brown - NOAA
- Paul DiGiacomo - NOAA
- Veronica Lance - NOAA
- François Montagner - EUMETSAT
- Estelle Obligis - EUMETSAT

Programme Committee

(Co-Chairs Veronica Lance and Estelle Obligis)

- Saleh Abdalla – ECMWF
- Edward Armstrong - NASA/JPL (CEOS-SSTVC)
- Eric Bayler - NOAA/NESDIS
- Subrahmanyam Bulusu – University of South Carolina
- Deirdre Byrne - NOAA/NESDIS
- Stefano Ciavatta - PML (OceanPredict MEAP-TT)
- Fraser Davidson – DFO (OceanPredict)
- Craig Donlon - ESA/ESTEC
- Bennett Foli - University of Ghana
- Jeremy Gault - University College Cork
- Steve Groom - PML
- Zorana Jelenak - NOAA/UCAR
- Lilian Krug – University of Algarve
- Pierre-Yves Le Traon - Mercator (CMEMS)
- Antoine Mangin - ACRI-ST
- Tony McNally - ECMWF
- Avichal Mehra - NOAA/NCEP
- Christophe Jouan - CNES
- Anne O'Carroll - EUMETSAT (GHRSSST)
- Ananda Pascual - IMEDEA
- Nadia Pinardi - University of Bologna
- John Siddorn - UK Met Office
- Emily Smail - UMD/NOAA (Blue Planet)
- Cara Wilson - NOAA/NMFS (IOCCG)



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