

EGU2020

Ocean Remote Sensing session OS4.5

Live chat session on Monday 4 May 2020, 08:30 - 12:30 (CEST)

Chairs: Christine Gommenginger & Aida Alvera-Azcárate

Displays at <https://meetingorganizer.copernicus.org/EGU2020/displays/36169>

Schedule of the live chat

Please go to the session webpage to access the chat (it will open at 08:15 on Monday)

<https://meetingorganizer.copernicus.org/EGU2020/session/36169>

To access the chat you must provide e-mail (not displayed) and name. Authors are encouraged to add (Author) to their names to be easily identified

- The authors will present their work in the order given below
- First, the presenting author will provide a 1-2 sentence summary of their work
- Authors are encouraged to facilitate the discussion by pointing out to future work or any aspect that the authors will want to discuss with the audience
- We'll discuss each presentation ~7 minutes

The presentations have been grouped in several large themes, please see the schedule below

We are learning in the process, let's make this instructive, fun and enjoyable to everyone!

See you on Monday, 4 May, at 08:30 AM

Chat time: Monday, 4 May 2020, 08:30–10:15

Theme: Advances and Outlook in Earth Observation in the Ocean

D2863	Rosemary Morrow	<u>Innovation in Satellite Sensors for Ocean Observations : An OceanObs19 overview</u>
D2856	Andreas Theodosiou	<u>Harmony's ocean elevation measurements: potential and performance</u>
D2857	Andrea M. Doglioli	<u>Combining remote sensing and in situ observations to study the physical-biological coupling at fine scale: recent Mediterranean campaigns and outlook.</u>
D2868	Tim Smyth	<u>The global extent of artificial light pollution in the marine environment</u>
D2862	Lorenzo Corgnati	<u>The European HF Radar Node: focal point to promote land-based remote sensing of coastal surface currents and its applications</u>
D2877	Irina Gancheva	<u>Satellite remote sensing techniques for detection of riverine and other sources flows in the coastal part of the Black Sea</u>
D2861	Matthew Hammond	<u>NOC GNSS-R Global Ocean Wind Speed and Sea-Ice Products</u>

Theme: Salinity

D2864	Jacqueline Boutin	<u>Overview of the CCI+SSS project</u>
D2873	Adrien Martin	<u>Global validation of the ESA CCI+SSS products</u>
D2876	Clovis Thouvenin-Masson	<u>CATDS CEC-LOCEAN debiased version 4 Sea Surface Salinity</u>
D2875	Audrey Hasson	<u>Colder and smaller : 10 years of observations of surface salinity by SMOS, Aquarius and SMAP to study mesoscale eddies in the Southern Ocean</u>
D2872	Alexandre Supply	<u>New insights into SMOS Sea Surface Salinity retrievals in the Arctic Ocean</u>
D2874	Roberto Sabia	<u>SMOS-based estimation and validation of Total Alkalinity in the Mediterranean basin</u>

Theme: Advanced Data Analysis techniques

D2866	Alexander Barth	<u>A convolutional neural network with error estimates to reconstruct sea surface temperature satellite observations (DINCAE)</u>
D2867	Redouane Lguensat	<u>Filtering tide-generated internal waves using Convolutional Neural Networks</u>
D2869	Felix L. Müller	<u>Ocean Surface Currents in the northern Nordic Seas from a combination of multi-mission satellite altimetry and numerical modeling</u>

Chat time: Monday, 4 May 2020, 10:45 - 12:30

Theme: Synergistic exploitation of multiple satellite data

D2879	Lucile Gaultier	<u>Taking advantage of Multisensor Synergy: New discovery and analysis tools</u>
D2880	Hayley Evers-King	<u>EUMETSAT Copernicus Marine Training and User Support</u>
D2883	Masuma Chowdhury	<u>Spatial and temporal scales of variability in the Meghna estuary from ocean remote sensing</u>
D2884	Dimitry Van der Zande	<u>Multi-scale ocean colour synergy products for coastal water quality monitoring</u>

Theme: Wind, waves & currents

D2887	Sonia Ponce de León (Joao Bettencourt)	<u>Composite distribution of North Atlantic extreme wind waves inferred from satellite altimetry data</u>
D2858	Kaveh Purkiani	<u>New evidences of seasonal deep ocean current variability in the north-eastern tropical Pacific Ocean impacted by remote gap winds</u>
D2888	Haoyu Jiang	<u>Evaluation of altimeter undersampling in estimating global wind and wave climate using virtual observation</u>
D2892	Benjamin K Smeltzer	<u>Remote measurement of near-surface currents via wave spectra: currents varying vertically and horizontally</u>
D2896	Yury Yurovsky	<u>Semi-Empirical Model for the Ka-band Sea Surface Doppler Centroid</u>
D2894	Olga Lavrova	<u>Spatio-temporal variability of internal waves in the Caspian Sea</u>

Note: if there are late uploads of other presentations, we will proceed to them after this block