



2025 Ocean Surface Topography Science Team Meeting

Saturday, November 15 2025 - Sunday, November 16 2025

The 2025 Ocean Surface Topography Meeting will occur 15-16 November 2025 in conjunction with the Sentinel-6B launch. It will include, as usual, a variety of science and technical splinters as poster and online sessions.

Sentinel-6A Michael Freilich being now the reference mission since April 2022, contributions that support Sentinel-6A Michael Freilich mission are highly encouraged, with focus on the second tandem with Jason-3. High-level science keynotes will be held in-person and online to showcase the science of Sentinel-6. In parallel of the OSTST, a hybrid workshop to discuss the Sentinel-6NG orbit will be held in the morning.

Event's program

List of event's sessions

Saturday, November 15 2025

15:00 - 18:00: Check-in for the Launch Viewing at Lompoc Airport – San Rafael @ Santa Ynez Valley Marriott

19:00 - 22:00: Science Team Dinner at AJ Spurs (350 E Highway 246, Buellton, CA 93427-9601)

Sunday, November 16 2025

08:00 - 08:20: Event Registration

08:00 - 17:30

OSTST Plenary Session

Nojoqui Falls or Figueroa Ballroom

08:30 - 11:00

Workshop on the Sentinel-6 Next Generation's orbit

Nojoqui Falls

08:00 - 17:30

Application development for Operations

On-line Forums or Posters' session only

08:00 - 17:30

Coastal Altimetry

On-line Forums or Posters' session only

08:00 - 17:30

Instrument Processing: Measurement and Retracking

On-line Forums or Posters' session only

08:00 - 17:30

Instrument Processing: Propagation, Wind Speed and Sea State Bias

On-line Forums or Posters' session only

08:00 - 17:30

Outreach, Education and Altimetric Data Services

On-line Forums or Posters' session only

08:00 - 17:30

Quantifying Errors and Uncertainties in Altimetry data

On-line Forums or Posters' session only

08:30 - 17:30

Regional and Global CAL/VAL for Assembling a Climate Data Record

On-line Forums or Posters' session only

08:00 - 17:30

Science I: Understanding and Quantifying Regional and Global Sea Level Budgets

On-line Forums or Posters' session only

08:00 - 17:30

Science II: Large Scale Ocean Circulation Variability and Change
On-line Forums or Posters' session only

08:00 - 17:30
Science III: Mesoscale and sub-mesoscale oceanography
On-line Forums or Posters' session only

08:00 - 17:30
Science IV: Altimetry for Cryosphere and Hydrology
On-line Forums or Posters' session only

08:00 - 17:30
Synergies between Argo, GRACE and Altimetry
On-line Forums or Posters' session only

08:00 - 17:30
The Geoid, Mean Sea Surfaces and Mean Dynamic Topography
On-line Forums or Posters' session only

16:50 - 19:00: Reception – Figueroa Ballroom

15:00 - 18:45: Check-in for the Launch Viewing at Lompoc Airport – San Rafael

19:00 - 20:00: Transport to Launch Viewing Location

20:00: Lompoc Airport Gates Open (1801 N H St, Lompoc, CA 93436)

21:21: Sentinel-6B Launch!

Microsoft Teams links online viewing:

- Morning (including workshop):

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 280 102 151 498 3

Passcode: FF67Pc95

Dial in by phone

[+1 323-813-7400,128029793#](#) United States, Los Angeles

[Find a local number](#)

Phone conference ID: 128 029 793#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

- Afternoon:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 263 777 629 893 7

Passcode: 2fK34T2n

Dial in by phone

[+1 323-813-7400,,495670491#](#) United States, Los Angeles

[Find a local number](#)

Phone conference ID: 495 670 491#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Oral sessions

Saturday, November 15 2025

15:00 - 18:00: Check-in for the Launch Viewing at Lompoc Airport – San Rafael @ Santa Ynez Valley Marriott

19:00 - 22:00: Science Team Dinner at AJ Spurs (350 E Highway 246, Buellton, CA 93427-9601)

Sunday, November 16 2025

OSTST Plenary Session

Session chairs: Pascal Bonnefond, Alejandro Egido, Severine Fournier, Eric Leuliette, Remko Scharroo, Josh Willis

(Sun, Nov 16 2025, 08:00 - 17:30)

08:00 - 08:20: Event Registration

Nojoqui Falls

08:20 - 08:25:

[OSTST Meeting opening, welcome, logistics](#)

Severine Fournier and Josh Willis (NASA JPL, United States)

08:25 - 08:30:

[Updates on the Committee on Earth Observation Satellites Altimetry White Paper](#)

Remko Scharroo and Pascal Bonnefond, on behalf of the CEOS OST-VC members

09:50 - 10:05: Coffee Break

12:00 - 13:00: Lunch

15:30 - 16:00:

[OSTST/S6NG Workshop Unfinished Business](#)

Josh Willis, Severine Fournier, Remko Scharroo, Alejandro Egido, Eric Leuliette, Pascal Bonnefond, Detlef Stammer, and Benoit Meyssignac

Santa Rita Hills or Nojoqui Falls

08:30 - 15:30: Posters' session (see [Posters' list](#), see also ["Forum only" list](#))

Figueroa Ballroom

16:00 - 16:05:

[JPL and NASA Welcome](#)

Dave Gallagher (NASA JPL, United States), Karen St Germain (NASA, United States)

16:05 - 16:10:

[Sentinel-6B Project Remarks](#)

Parag Vaze (NASA JPL, United States)

16:10 - 16:15:

[Sentinel-6B in Action: Exploring Applications and Impact](#)

Eric Leuliette (NOAA, United States)

16:15 - 16:30: Keynote/invited

[Sentinel-6B: A Quest to Understand our Warming Earth](#)

Benoit Meyssignac (LEGOS, France)

16:30 - 16:45: Keynote/invited

[Ocean in Motion: Surface Currents from Space](#)

Sarah Gille (Scripps Institution of Oceanography, UC San Diego, United States)

16:45 - 16:50:

[Looking to the Future](#)

Alejandro Egido (ESA, Netherlands)

Workshop on the Sentinel-6 Next Generation's orbit

Session chairs: Benoit Meyssignac, Detlef Stammer

(Sun, Nov 16 2025, 08:30 - 11:00)

This workshop will be a focused hybrid science driven meeting to discuss the impact of the orbit change on future altimetric missions such as Sentinel-6 Next Generation (S6NG), to define the scope and objectives of a larger in person workshop at a later date, to identify its key questions and objectives, and to identify topics that need to be prepared ahead through targeted studies.

The logistics, agenda and abstract of the workshop are below.

Nojoqui Falls

08:30 - 08:40:

[Opening and scope of the workshop](#)

Detlef Stammer (CEN, Universität Hamburg, Germany)

08:40 - 09:00:

[The Sentinel-6 Next Generation Copernicus Altimetry Mission: Enhancing Continuity, Performance and Observational Capabilities](#)

Alejandro Egido (European Space Agency, Netherlands)

09:00 - 09:30:

[Summary of previous studies and information regarding the reference orbit determination](#)

Loren Carrere (CLS, France)

09:30 - 09:50:

[Summary of the ESA-supported Sentinel-6 Next generation orbital study with Eumetsat and CNES contributions](#)

Michael Ablain (MAGELLUM, France), Noémie Lalau (MAGELLUM, FRANCE), Louis Kern (MAGELLUM, FRANCE), Thomas Vaujour (MAGELLUM, FRANCE), Loren Carrere (CLS, France), Pierre Prandi (CLS, France), Antonio Bonaduce (Norway, Norway), Fabio Mangini (Norway, Norway), Detlef Stammer, Prof. Dr. (University of Hamburg, Germany), Emma Woolliams (NPL, UK), Alejandro Egido (ESA/ESTEC, Netherlands), Marcel Kleinherenbrink (ESA/ESTEC, Netherlands), Robert Cullen (ESA/ESTEC, Netherlands), Lionel Zawadzki (CNES, FRANCE), Alexandre Couhert (CNES, France), Scharroo Remko (EUMETSAT, Germany)

09:50 - 10:05: Coffee Break

10:05 - 10:15:

[Cal/Val: Results of past tandem missions](#)

Michael Ablain (Magellium, France), Eric Leuliette (NOAA, USA)

10:15 - 10:25:

[POD performances for Jason-3/Sentinel-3A and lessons learned for Sentinel-6 NG](#)

Frank Lemoine (NASA, United States), Alexandre Couhert (CNES, France)

10:25 - 10:35:

[Continuity of global and regional mean sea level data record](#)

Noémie Lalau (Magellium, France)

10:35 - 10:45:

[Thoughts regarding tides and the reference orbit](#)

Richard Ray (NASA/self, United States)

10:45 - 10:55:

[Continuity in Estimating Ocean Heat Content & Earth's Energy Imbalance](#)

Maria Hakuba (Jet Propulsion Laboratory, California Institute of Technology, United States), Benoit Meyssignac (LEGOS, Université de Toulouse, CNES, CNRS, IRD, UPS, Toulouse, France, France), Felix Landerer (Jet Propulsion Laboratory, California Institute of Technology, United States), Nathalie Zilberman (Scripps Institution of Oceanography, UC San Diego, United States)

10:55 - 11:00:

[Conclusions and Final Discussion](#)

Detlef Stammer (CEN, Universität Hamburg, Germany)

16:50 - 19:00: Reception – **Figueroa Ballroom**

15:00 - 18:45: Check-in for the Launch Viewing at Lompoc Airport – **San Rafael**

19:00 - 20:00: Transport to Launch Viewing Location

20:00: Lompoc Airport Gates Open (1801 N H St, Lompoc, CA 93436)

21:21: Sentinel-6B Launch!

Posters Sessions

Application development for Operations

Session chairs: Deirdre Byrne, Gerald Dibarboure, Gregg Jacobs, Carolina Nogueira Loddó

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

APO2025_001 - [A Dynamic Persistent Sea Level Prediction System](#)

Ou Wang (Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California), Ian Fenty (Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California), Kevin Marlin (Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California), Tong Lee (Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California), Thomas Huang (Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California)

APO2025_002 - [Moving ocean prediction skill](#)

Gregg Jacobs (University of Southern Mississippi), Joseph D'Addezio (Naval Research Laboratory)

APO2025_003 - [Tactical Overview of the Naval Oceanographic Office's Altimetry Data Fusion Center](#)

Danielle Carpenter (Naval Oceanographic Office), Alyssa Silvas (Naval Oceanographic Office)

APO2025_004 - [Satellite altimetry reveals genesis of volcanic tsunami](#)

Y. Tony Song (JPL/NASA), Phillip Callahan (JPL), Jean-Damien Desjonqueres (JPL), Severine Fournier (JPL), Josh Willis (JPL)

Coastal Altimetry

Session chairs: Florence Birol, Brett Buzzanga, Joana Fernandes, Clara Lazaro, Marcello Passaro

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

COA2025_001 - [A new chapter in satellite altimetry: monitoring small lakes and coastal zones with SWOT HR PIXC data](#)

Ole Baltazar Andersen (DTU Space), Simon Köhn (DTU Space), Karina Nielsen (DTU Space)

COA2025_002 - [Sentinel-1 Wind Stress Divergence as an Independent Constraint for Sentinel-6 SSH Validation](#)

Rachel Spratt (UCSB)

Instrument Processing: Measurement and Retracking

Session chairs: Francois Boy, Phil Callahan, Marco Fornari, Cristina Martin-Puig

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

IPM2025_001 - [Jason-3 Near-Real Time Products Latency and Availability from September 1, 2024 to September 30, 2025](#)

Donald Richardson (ERT Corporation, 6404 Ivy Lane, Suite 650, Greenbelt, MD 20770), David Donahue (NOAA/NESDIS/OSPO/SPSD/SPB, NCWCP 5830 University Research Ct. College Park, MD 20740)

IPM2025_002 - [NOAA's Jason Products and current Jason-3 NOAA Near Realtime Ground Processing System 2025](#)

David Donahue (NOAA/NESDIS/OSPO, 5830 University Research Ct., College Park, MD 20740), Donald Richardson (ERT Corporation, 6404 Ivy Lane, Suite 650, Greenbelt, MD 20770), Zhang Yongsheng (NOAA/NESDIS/NCEI, 1315 East West Hwy, Silver Spring, MD 20910)

IPM2025_003 - [Towards a new era of wave observations from nadir-looking SAR altimeters: Why Sentinel-6 SAR RAW data matter](#)

Ourania Altiparmaki (TU Delft)

IPM2025_004 - [Slope correction for ocean SAR altimetry](#)

Juliette GAMOT (Collecte Localisation Satellite), Philippe Schaeffer (Collecte Localisation Satellite), Marie-Isabelle Pujol (Collecte Localisation Satellite), François Bignalet-Cazalet (Centre National d'Etudes Spatiales), Emeline Cadier (Collecte Localisation Satellite), Thomas Moreau (Collecte Localisation Satellite), Claire Maraldi (Centre National d'Etudes Spatiales)

IPM2025_005 - [Advanced Processing Features for Enhanced Sentinel-6 Products](#)

Mònica Roca-Aparici (isardSAT), Sergi Hernández-Burgos (isardSAT), Adrián Flores (isardSAT), Gorka Moyano (isardSAT), Pablo Garcia-Arnauld (isardSAT), Adrià Gómez (isardSAT), Roger Almasqué (isardSAT), Ferran Gibert (isardSAT), Albert Garcia-Mondéjar (isardSAT), Salvatore Dinardo (EUMETSAT), Marco Fornari (ESA (ESTEC)), Alejandro Egido (ESA (ESTEC)), Cristina Martin-Puig (EUMETSAT), Robert Cullen (ESA(ESTEC))

Instrument Processing: Propagation, Wind Speed and Sea State Bias

Session chairs: Shannon Brown, Cristina Martin-Puig, Estelle Obligis

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

IPC2025_001 - [Advances in Sea Level and Sea State Observations Using Sentinel-6MF SAR Altimetry Data](#)

Christopher Buchhaupt (University of Maryland)

Outreach, Education and Altimetric Data Services

Session chairs: Hayley Evers-King, Jack McNelis, Vinca Rosmorduc, Margaret Srinivasan

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

ODS2025_001 - [Satellite Altimetry Observations Monitoring Changes in Ocean and Surface Water Systems: Applied Science in Support of User Communities](#)

Margaret Srinivasan (Caltech Jet Propulsion Laboratory)

ODS2025_002 - [NASA-SSH: A Suite of New Sea Level Products from NASA](#)

Josh Willis (JPL), Severine Fournier (NASA/JPL), Marlis Kevin (NASA/JPL), Killet Emmy (NASA/JPL), Brian Beckley (NASA/GSFC)

ODS2025_003 - [New NASA PO.DAAC altimetry data products](#)

Ian Fenty (JPL), Mike Gangl (NASA JPL), Catalina Taglialatela (NASA JPL), Jack McNelis (NASA JPL)

Quantifying Errors and Uncertainties in Altimetry data

Session chairs: Michael Ablain, Joel Dorandeu

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

ERR2025_001 - [Assessment of the TOPEX GMSL stability by analysing the global mean sea level closure using the AVISO L2P-2024 products.](#)

Marie Bouih (Magellium), Ramiro Ferrari (Magellium), Robin Fraudeau (Magellium), Michaël Ablain (Magellium), Anny Cazenave (LEGOS), Benoît Meyssignac (CNRS/LEGOS/CNES), Alejandro Blazquez (CNRS/LEGOS/CNES), Lionel Zawadzki (CNES), Gérald Dibarboure (CNES)

Regional and Global CAL/VAL for Assembling a Climate Data Record

Session chairs: Pascal Bonnefond, Shailen Desai, Luisella Giulicchi, Bruce Haines, Eric Leuliette, Nicolas Picot

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

CVL2025_001 - [Regional cal/val at multi-locations](#)

Luciana Fenoglio (Chalmers University of Technology)

CVL2025_002 - [Fiducial Reference Measurements for monitoring satellite altimetry at the ESA](#)

[Permanent Facility for Altimetry Calibration in Crete and Gavdos](#)

Stelios Mertikas (Technical University of Crete), Craig Donlon (European Space Agency), Emma Woolliams (National Physical Laboratory), Fabrice Collard (Ocean Data Lab), Costas Kokolakis (Space Geomatica), Dimitrios Piretzidis (Space Geomatica), Achilles Tripolitsiotis (Space Geomatica), Xenofon Frantzis (Technical University of Crete)

CVL2025_003 - [Assessment of Global Mean Sea Level Variations Derived from a Hybrid Altimeter Sea Surface Height Time Series](#)

Brian Beckley (ERT Inc./NASA GSFC), Frank Lemoine (NASA GSFC), Nikita Zelensky (University of Maryland), Richard Ray (NASA GSFC), Xu Yang (KBR Inc.), Gary Mitchum (University of South Florida), Alex Conrad (JPL), Josh Willis (JPL), Severine Fournier (JPL)

CVL2025_004 - [Assembling a multi-mission mean sea level time series](#)

Remko Scharroo (EUMETSAT), Estelle Obligis (EUMETSAT), Bojan Bojkov (EUMETSAT)

Science I: Understanding and Quantifying Regional and Global Sea Level Budgets

Session chairs: Anne Barnoud, Benjamin Hamlington, Benoit Meyssignac

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

SC12025_001 - [Investigating the Mechanisms of Sea Level Change Using 30+ Years of Satellite Altimetry and the ECCO Ocean State Estimate](#)

Ichiro Fukumori (Jet Propulsion Laboratory), Subrahmanyam Bulusu (University of South Carolina), Ou Wang (JPL/Caltech), Ian Fenty (JPL/Caltech)

SC12025_002 - [Improved seasonal prediction skill for U.S. Atlantic Coast and Gulf Coast Using ECCO-based Ocean dynamic Persistence](#)

Tong Lee (JPL), Xue Feng (University of Hawaii), Matthew Widlansky (University of Hawaii), Ou Wang (Jet Propulsion Laboratory, California Institute of Technology), Magdalena Balmaseda (ECMWF), Hao Zuo (ECMWF), Gregory Dusek (NOAA), William Sweet (NOAA), Malte Stuecker (University of Hawaii)

SC12025_003 - [MONITORING SEA LEVEL CHANGE: FROM TOPEX/POSEIDON TO SENTINEL-6 MF AND BEYOND](#)

Robert Steven Nerem (University of Colorado)

SC12025_004 - [Sea Level Budgets using over 20 years of GRACE and 30 years of Altimetry data](#)

Ole Baltazar Andersen (DTU Space), Carsten Ludwigsen (DTU Space)

SC12025_005 - [The ESA ARCFRESH and FRESH4BIO Arctic Freshwater projects](#)

Ole Baltazar Andersen (DTU Space), Team ARCFRESH (DTU Space), Team FRESH4BIO (DTU Space)

Science II: Large Scale Ocean Circulation Variability and Change

Session chairs: Weiqing Han, Nathalie Zilberman

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

SC22025_001 - [Ensuring Continuity of Florida Current Transport Observations with Satellite Altimetry and Moored Pressure Gauges](#)

Denis Volkov (CIMAS/University of Miami/NOAA-AOML), Ryan Smith (NOAA-AOML), Rigoberto Garcia (CIMAS/University of Miami/NOAA-AOML)

SC22025_002 - [Using an Ocean State Estimate and Satellite Altimetry to Improve Sea Level Predictions along the U.S. Gulf Coast](#)

Andrew Delman (UCLA), Ou Wang (Jet Propulsion Laboratory, California Institute of Technology), Tong Lee (Jet Propulsion Laboratory, California Institute of Technology), Ichiro Fukumori (Jet Propulsion Laboratory, California Institute of Technology), Thomas Frederikse (Planet), Emily Becker (University of Miami), Renee Collini (The Water Institute), Benjamin Kirtman (University of Miami)

Science III: Mesoscale and sub-mesoscale oceanography

Session chairs: Heather Roman-Stork, Clément Ubelmann, Jinbo Wang

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

SC32025_001 - [Refining knowledge of the California Current System through 4D-Var assimilation of SWOT and nadir altimetry](#)

Sarah Gille (Scripps Institution of Oceanography, UC San Diego), Ariane Verdy (Scripps Institution of Oceanography, UC San Diego), Matthew Mazloff (Scripps Institution of Oceanography, UC San Diego), Bruce Cornuelle (Scripps Institution of Oceanography, UC San Diego), Ganesh Gopalakrishnan (Scripps Institution of Oceanography, UC San Diego)

SC32025_002 - [Capsizing and impact wave detection – Case study of iceberg A-76A](#)

Ole Baltazar Andersen (DTU Space), Constance Hjort (DTU Space)

SC32025_003 - [Small-scale eddy dynamics on the East Greenland Shelf from SWOT \(Fresh4Bio\)](#)

Ole Baltazar Andersen (DTU Space), Sara Jensen (DTU Space)

SC32025_004 - [Quantifying and interpreting sources of error when estimating currents from altimetry](#)

Saulo Soares (SIO UCSD), Sarah Gille (SIO UCSD), Teresa Chereskin (SIO UCSD)

SC32025_005 - [A Unified Framework for Next-Generation Sea Surface Height Mapping](#)

Jeffrey J. Early (NorthWest Research Associates), Cimarron J. Wortham (NorthWest Research Associates), Jonathan M. Lilly (Planetary Science Institute)

SC32025_006 - [Towards Harnessing Machine Learning to Infer Unobserved Variables from Satellite Observations](#)

Jinbo Wang (Texas A & M University), Alice Yepremyan (JPL), Edwin Goh (JPL), Ellin Zhao (UCLA)

SC32025_007 - [Long-term trend in eddy sea surface temperature and height coherence and its implications](#)

Jinbo Wang (Texas A & M University), Minghai Huang (Texas A & M University), Ping Chang (Texas A & M University), Patrice Klein (Caltech)

Science IV: Altimetry for Cryosphere and Hydrology

Session chairs: Charon Birkett, Jérôme Bouffard, Jean-Francois Crétaux, Sinead Farrell, Karina Nielsen

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

SC42025_001 - [Monitoring the impact of the Kakhovka Dam break in 2023 with SWOT and ICESat-2](#)

Ole Baltazar Andersen (DTU Space), Linda Christoffersen (DTU Space)

SC42025_002 - [Investigating Ice Jams in Arctic Rivers with SWOT's High-Resolution Altimetry](#)

Ole Baltazar Andersen (DTU Space), Linda Christoffersen (DTU Space), Karina Nelsen (DTU Space)

Synergies between Argo, GRACE and Altimetry

Session chairs: Felix Landerer, Susan Wijffels, Nathalie Zilberman

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

ARG2025_001 - [Inferring Ocean Heat Uptake from Satellite Gravimetry and Altimetry](#)

Andrew Delman (UCLA), Maria Hakuba (Jet Propulsion Laboratory, California Institute of Technology), Ian Fenty (Jet Propulsion Laboratory, California Institute of Technology)

The Geoid, Mean Sea Surfaces and Mean Dynamic Topography

Session chairs: Ole B. Andersen, Marie-Isabelle Pujol

Sun, Nov 16 2025, 08:30 - 15:00 - Santa Rita Hills or Nojoqui Falls

GEO2025_001 - [Vertical Land Movement Budget and Its Impact on Coastal Sea-Level](#)

Ole Baltazar Andersen (DTU Space), Carsten Ludwigsen (DTU Space), Per Knudsen (DTU Space)

GEO2025_002 - [Lake geoid correction grids based on the SWOT Raster product.](#)

Ole Baltazar Andersen (Dr), Karina Nielsen (DTU Space)

GEO2025_003 - [Towards the next series of DTU25 mean dynamic topography models](#)

Ole Baltazar Andersen (DTU Space), Per Knudsen (DTU Space), Nikolai Maximenko (University of Hawaii at Manoa, IPRC), J Hafner (University of Hawaii at Manoa, IPRC)

GEO2025_004 - [Uncertainty estimation in altimetric derived bathymetry from machine learning models](#)

Ole Baltazar Andersen (DTU Space), Bjarke Nilsson (DTU Space)

GEO2025_005 - [DTU25 mean sea surface and its uncertainty characteristics](#)

Ole Baltazar Andersen (DTU Space), Bjarke Nilsson (DTU Space)

GEO2025_006 - [The DTU25GRA SWOT derived global gravity field and evaluation with airborne gravity](#)

Ole Baltazar Andersen (DTU Space)

Forums Sessions

Coastal Altimetry

Session chairs: Florence Birol, Brett Buzzanga, Joana Fernandes, Clara Lazaro, Marcello Passaro

COA2025_001 - [Nearshore wave processes detected using Sentinel-6 MF & SWOT satellite radar altimetry](#)

Dougal Lichtman (National Oceanography Centre), Paul Bell (National Oceanography Centre), Chris Banks (National Oceanography Centre), Christine Gommenginger (National Oceanography Centre), Jennifer Brown (National Oceanography Centre), Nieves Valiente (University of Plymouth)

Instrument Processing: Propagation, Wind Speed and Sea State Bias

Session chairs: Shannon Brown, Cristina Martin-Puig, Estelle Obligis

IPC2025_001 - [A novel operational Sea State Bias correction for Sentinel-3 Delay/Doppler altimeter measurements incorporating wind directional effect](#)

Ngan Tran (CLS), Laiba Amarouche (CLS), Doug Vandemark (UNH), Hui Feng (UNH), Salvatore Dinardo (EUMETSAT), Bruno Lucas (EUMETSAT), Carolina Nogueira-Loddo (EUMETSAT)

Outreach, Education and Altimetric Data Services

Session chairs: Hayley Evers-King, Jack McNelis, Vinca Rosmorduc, Margaret Srinivasan

ODS2025_001 - [In situ measurements for SWOT lake water level validation : results from a student project at Lake Guerledan \(France\)](#)

Clémence Chupin (Lab-STICC | ENSTA, IP Paris, Campus de Brest), Pierre Bosser (Lab-STICC | ENSTA, IP Paris, Campus de Brest), Séverine Enet (ENSTA, IP Paris, Campus de Brest), Clémentine Beau (ENSTA, IP Paris, Campus de Brest), Scott Bédart (ENSTA, IP Paris, Campus de Brest), Zoé Besnard (ENSTA, IP Paris, Campus de Brest), Lola Henneuse (ENSTA, IP Paris, Campus de Brest), Kim Monoury—Homet (ENSTA, IP Paris, Campus de Brest), Siméon Ridet (ENSTA, IP Paris, Campus de Brest), Jules Faguet (ENSG / ENSTA, IP Paris, Campus de Brest)

Regional and Global CAL/VAL for Assembling a Climate Data Record

Session chairs: Pascal Bonnefond, Shailen Desai, Luisella Giulicchi, Bruce Haines, Eric Leuliette, Nicolas Picot

CVL2025_001 - [Jason-3 & Sentinel-6 MF calibration at the Corsica facilities](#)

Pascal Bonnefond (Observatoire de Paris - LTE), Olivier Laurain (OCA/Geoazur), Pierre Exertier (GET), Saïd Haouchine (CNES), Nicolas Picot (CNES)

CVL2025_002 - [Extending the Corsica facilities up to SWOT swath](#)

Pascal Bonnefond (Observatoire de Paris - LTE), Olivier Laurain (OCA/Geoazur), Michel Calzas (DT-INSU), Christine Drezen (DT-INSU), Lionel Fichen (DT-INSU), Gerald Dibarboure (CNES), Thierry Guinle (CNES), Philippe Schaeffer (CLS)

CVL2025_003 - [Updated in situ validation results of satellite altimetry from the Bass Strait facility](#)

Christopher Watson (University of Tasmania), Benoit Legresy (CSIRO), Jack Beardsley (Integrated Marine Observing System), Matt King (University of Tasmania)

Science I: Understanding and Quantifying Regional and Global Sea Level Budgets

Session chairs: Anne Barnoud, Benjamin Hamlington, Benoit Meyssignac

SC12025_001 - [Evidence of increased deep ocean warming from a sea level budget approach](#)

Anny Cazenave (LEGOS-CNES), Chunxue Yang (CNR), Marie Bouih (Magellium), Andrea Storto (CNR), Jianli Chen (Hong Kong Polytechnic University), William Llovel (IFREMER), Karina von Schuckmann (Mercator Ocean International), Lancelot Leclercq (LEGOS)

SC12025_002 - [Abrupt trend change in the early 2010s observed in sea level variations at the world coastlines, as well as in the global mean sea level and its components.](#)

Lancelot Leclercq (Université de Toulouse, LEGOS (CNES/CNRS/IRD/UT)), Julius Oelsmann (Tulane University), Habib B. Dieng (Université Assane Seck de Ziguinchor), Anny Cazenave (Université de Toulouse, LEGOS (CNES/CNRS/IRD/UT)), Marcello Passaro (Technical University of Munich), Florenc Birol (Université de Toulouse, LEGOS (CNES/CNRS/IRD/UT)), Svetlana Jevrejeva (National Oceanography Centre), Erwin Bergsma (CNES), Rodrigo Abarca-del-Río (University of Concepcion), Sarah Connors (ESA), Jean-François Legeais (CLS)

Science II: Large Scale Ocean Circulation Variability and Change

Session chairs: Weiqing Han, Nathalie Zilberman

SC22025_001 - [Drivers of marine heatwaves and their decadal disruption in the southwest Indian Ocean in recent decades](#)

Weiqing Han (The University of Colorado), William Kamp (ATOC, the University of Colorado)

Science III: Mesoscale and sub-mesoscale oceanography

Session chairs: Heather Roman-Stork, Clément Ubelmann, Jinbo Wang

SC32025_001 - [Sub-mesoscale and coastal ocean dynamics in the North Indian Ocean using SWOT and EOS-06/OCM-3 observations](#)

Aditya Chaudhary (Space Applications Centre, ISRO), Neeraj Agarwal (Space Applications Centre (ISRO)), Rashmi Sharma (Space Applications Centre (ISRO))