



13th COASTAL ALTIMETRY WORKSHOP & COASTAL ALTIMETRY TRAINING

6–10 February 2023 | Universidad de Cádiz, Spain

www.coastalaltimetry.org



OBJECTIVES OF THE TRAINING COURSE (6 February 2023)

- Introduce altimetry missions and technologies to a non-expert audience.
- Present applications for oceanography and discuss challenges in coastal zone altimetry.
- Provide a description of existing altimetry datasets.
- Present toolboxes and online processing platforms.

OBJECTIVES OF THE WORKSHOP (7-10 February 2023)

- Review of the science and applications of coastal altimetry, from data processing through emerging applications to new technologies.
- Review studies using the latest missions (Sentinel-6 Michael Freilich, Sentinel-3A/B, CryoSat-2, CFOSAT, HY-2, AltiKa and Jason-3) and the future SWOT mission.
- Discuss Sea Level, Dynamic Topography, Currents, Winds and Waves, Sea State, Extreme Events, etc., exploiting altimetry and other data for both real-time monitoring and long-term change studies and discuss products for operationalisation.
- Collect requirements from users to stimulate the improvement of current applications and shaping future ones, space-borne and in situ products, models, and consolidate the recurring requirements for a Global Coastal Altimetry Product Standard.

DEADLINES

Deadline for abstract submission (both for oral and poster presentations)	15 November 2022
Notification to authors	13 December 2022
Publication of preliminary programme	13 December 2022
Deadline for registration to the Coastal Altimetry Training Course (free of charge)	8 January 2023

ORGANISING COMMITTEE

Ana Aldarias (U. of Cadiz, Spain) | Jérôme Benveniste (ESA-ESRIN) | Florence Birol (LEGOS, France) | Pascal Bonnefond (Observatoire de Paris-SYRTE, France) | Mathilde Cancet (Noveltis, France) | Luciana Fenoglio (U. Bonn, Germany) | Joana Fernandes (U. of Porto, Portugal) | David Griffin (CSIRO, Australia) | Jesús Gómez-Enri (U. of Cadiz, Spain) | Roberto Mulero (U. of Cadiz, Spain) | Marcello Passaro (DGFI Technical University of Munich, Germany) | Nicolas Picot (CNES, France) | Marco Restano (SERC0 for ESA, Italy) | Remko Scharroo (EUMETSAT) | Walter Smith (NOAA, USA) | Justin Stopa (U. Hawaii, USA) | Doug Vandemark (University of New Hampshire, USA) | Stefano Vignudelli (CNR, Italy) | Nadya Vinogradova-Shiffer (NASA, USA).