

IMPORTANT DEADLINES

Deadline for abstract submission (both for oral and poster presentations)	22 June 2013
Notification to authors	23 July 2013
Deadline for registration (free of charge)	2 August 2013
7th Coastal Altimetry Workshop	7–8 October 2013

ORGANISING COMMITTEE

Jérôme Benveniste | European Space Agency – ESRIN, Italy
Paolo Cipollini | National Oceanography Centre, U.K.
Laury Miller | National Oceanic and Atmospheric Administration, USA
Nicolas Picot | Centre National d'Etudes Spatiales, France
Remko Scharroo | National Oceanic and Atmospheric Administration, USA
Ted Strub | Oregon State University, USA
Doug Vandemark | University of New Hampshire, USA
Stefano Vignudelli | Consiglio Nazionale delle Ricerche, Italy

REGISTRATION

There is no fee for workshop, but confirmation of attendance is required by 2nd August, 2013.

CONTACT POINTS

Workshop Organising Committee

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Logistics

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FURTHER INFORMATION

Detailed technical and scientific information on the workshop can be found at: www.coastalaltimetry.org

SCIENTIFIC COMMITTEE

Ole Baltazar Andersen | DTU Space, Denmark
Lifeng Bao | Chinese Academy of Science, China
Florence Birol | Laboratoire d'Etudes en Géophysique et Océanographie Spatiales, France
Emanuel F. Coelho | University of New Orleans resident at the Naval Research Laboratory, USA
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Pierre Thibaut | Collecte Localisation Satellites (CLS), France
Akihisa Uematsu | Japan Aerospace Exploration Agency (JAXA), Japan
John Wilkin | Rutgers University, USA

www.coastalaltimetry.org



→ 7th COASTAL ALTIMETRY WORKSHOP

7–8 October 2013 | Boulder, USA

INTRODUCTION

The Coastal Altimetry Community, that is the international community of scientists working on development and applications of altimetry in the coastal zone, will meet at the base of the Rocky Mountains in Boulder, Colorado, on 7-8 October 2013 for the 7th Workshop of the successful *Coastal Altimetry series*.

Coming at a time when the advent of SAR and Ka-band altimetry is adding further impetus to the field, this Workshop will provide a lively forum for a community-led review of the science and applications of coastal altimetry, from data processing through emerging applications to new technologies. The workshop will be held immediately before the Ocean Surface Topography Science Team (OST-ST) meeting, also in Boulder, so that delegates can conveniently attend both events.

PROGRAMME OUTLINE

Monday 7 October

- Introduction with Keynote talks
- Status of current and forthcoming missions
- Technical issues in coastal altimetry (retracking and corrections)
- Poster session

Tuesday 8 October

- Applications of coastal altimetry
- Synergy with models
- Poster session (cont.)
- Wrap-up and recommendations

THEMES

- **Technical issues in coastal altimetry**, both for conventional and SAR modes, such as: progress on waveform retracking and Sea State Bias correction in coastal regions, improvements in other corrections, assessment of the capabilities of the new missions (including Cryosat-2, HY-2, AltiKa), preparatory studies for Sentinel-3 SRAL in the coastal zone.
- **Applications of coastal altimetry data**, both for conventional and SAR modes, alone or in combination with other data and/or models. This includes the use of data from the various processing and/or reprocessing initiatives: PISTACH, COASTALT, REAPER, ESA CCI. Possible applications comprise coastal sea level variations, coastal currents, coastal wave field, storm surge research, assimilation of data in coastal models and surge models. Studies exploiting the synergies with in situ, model and other satellite data (like SAR, SST, ocean colour) are particularly welcome.

