

Sea Level Futures Conference

2 – 4 July 2018
Liverpool, UK



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Monday 2 July 2018

09:00	EURO-GOOS	Doodson Room NOC Liverpool	
16:00	ECRA meeting	Library Room NOC Liverpool	
18:00	Registration and Icebreaker Reception	Foresight Centre	Including Time and Tide exhibition at NOC Liverpool

Tuesday 3 July 2018

08:00	Registration and Refreshments	Atrium & Foyer Central Teaching HUB	
08:30	Housekeeping	Chadwick Lecture, Central Teaching HUB	
08:35	Welcome	Doug Muir	
08:45	Introduction from PSMSL	Lesley Richards	
09:00	Keynote	Begoña Pérez Gómez	Challenges of present day tide gauge observing systems
09:30	Talk	Mike Osborne	Reasons to combine operational and long-term measurements of sea level
09:50	Talk	Nigel Penna	Measuring sea surface height with a GNSS Wave Glider
10:10	Talk	Chris Banks	Out of the Freezer: Scientific Altimetry Studies using CryoSat-2 in the Global Ocean
10:30	Posters A and Refreshments	Atrium & G Flex Space Teaching HUB	
11:30	Keynote	Richard Greatbatch	Interannual sea level variability in the tropical Pacific from 1961-2014 derived using a multi-mode linear model system
12:00	Talk	Anthony Wise	Connecting the open ocean and coastal sea level along western boundaries, why bathymetry matters.
12:20	Talk	Jorge Zavala-Hidalgo	Reviewing the seasonal sea level variability of the Gulf of Mexico
12:40	Talk	Chris Hughes	The global coastal mean dynamic topography from tide gauges
13:00	Lunch	Atrium & Foyer Central Teaching HUB	
14:00	Keynote	Benoit Meyssignac	Climate model simulations of the 20th century sea-level changes compared to observations.

14:30	Talk	Mohammad Hadi Bordbar	Contribution of internal variability to the dynamic sea level changes in the tropical Pacific during the recent decades
14:50	Talk	Miguel Esteban	How to adapt to sea level rise: Lessons from cities and islands experiencing land subsidence
15:10	Posters B with Refreshments	Atrium & G Flex Space Teaching HUB	
16:00	Talk	Sam Royston	Steric sea-level trends in the Argo epoch: First results from an integrated, spatial sea-level budget assessment
16:20	Talk	Jennifer Hornsby	Coastal Flood Boundary update 2018
16:40	Talk	Jeremy Rohmer	Addressing ambiguity in probabilistic assessments of future marine flooding using possibility distributions
17:00	Keynote	Jérôme Benveniste	ESA's Earth Observation in Support of the Marine Environment
17:30	Finish		
19:00	Conference dinner	Mercure Atlantic Tower	

Wednesday 4 July 2018

08:55	Housekeeping	Chadwick Lecture, Central Teaching HUB	
09:00	Keynote	Anny Cazenave	The 25-yr-long sea level record from satellite altimetry: Lessons learned, remaining gaps, new scientific questions
09:30	Talk	Jonathan Bamber	The land ice contribution to sea level during the satellite era
09:50	Talk	Gary Mitchum	Coastal versus Open Ocean Sea Level Trends – A Revisit
10:10	Talk	Francisco Calafat	Coherent modulation of the sea-level annual cycle in the United States by Atlantic Rossby waves
10:30	Posters C with Refreshments	Atrium & G Flex Space Teaching HUB	
11:30	Keynote	Sönke Dangendorf	Progress in reconstructing global and regional sea level changes
12:00	Talk	Maialen Irazoqui Apecechea	Global modelling of future extreme sea-levels using a high-resolution Global Tide and Surge Model
12:20	Talk	Gerard McCarthy	Vulnerability of Dublin Bay to Extreme High Water Levels
12:40	Talk	Thomas Prime	Relocatable storm surge forecasting for predicting extreme sea levels in coastal areas

13:00 Lunch

Atrium & Foyer Central
Teaching HUB

14:00 Keynote

Stefano Vignudelli

Coastal Sea level monitoring using satellite radar altimetry: a decade of progress and beyond

14:30 Discussion

Chair Kevin Horsburgh

15:10 Posters D with Refreshments

Atrium & G Flex Space
Teaching HUB

16:00 Talk

Ivan Haigh

Projecting sea-level rise changes out to 2300 for Paris Agreement commitments

16:20 Talk

Ma. Laurice Preciado Jamero

In-situ adaptation can enable relocation

16:40 Talk

Alexandra Toimil

A probabilistic framework for the assessment of coastal impacts

17:00 Keynote

Mark Merrifield

Subseasonal to seasonal forecasts of coastal sea level

17:30 Closing remarks

Sveta Jevrejeva

18:00 Finish

Thursday 5 – Friday

6 July

Tidal analysis training
course

Doodson Room NOC Liverpool