

PROVISIONAL PROGRAMME (10 May 2018) : may yet be subject to change!

Monday 2nd July 2018

09:00 EURO-GOOS (NOCL Doodson Rm)

16:00 ECRA meeting (NOCL library)

17:30 Registration (Foresight Centre)

18:00 Icebreaker (Foresight Centre)

Including Time and Tide exhibition at NOC and ... TBC

Tuesday 3rd July 2018

08:00 Registration (UoL CTH)

08:30 Housekeeping

08:35 Welcome (eg Angela)

08:45 Introduction from PSMSL (Lesley)

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** Samuel Olumide Akande

Vulnerability assessments of West African coast to sea-level changes using radar and geospatial techniques

10:30 Posters A (with Coffee)

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

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 Coffee)

16:00 **Talk** Richard Westaway

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)

Wednesday 4th July 2018

08:55 Housekeeping (UoL CTH)

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	Felix Landerer	Regional and global sea level budgets from altimetry, gravimetry and Argo
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 Coffee)

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

14:00 Keynote	Stefano Vignudelli	Coastal Sea level monitoring using satellite radar altimetry: a decade of progress and beyond
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14:30 Discussion (Chaired by Kevin)

15:10 Posters D (with Coffee)

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	Melisa Menendez	A probabilistic framework for the assessment of coastal impacts
17:00 Keynote	Mark Merrifield	To be confirmed
17:30	Closing remarks (Sveta)	
18:00	Finish	

Posters

Posters are divided into 4 groups, A B C D. They can be displayed for the whole day (possibly the whole meeting depending on space) but poster presenters will be invited to stand near their posters at specified times for discussions.

We will briefly (total <5min) introduce all the poster presenters before each poster session.

Posters A: (Tuesday am)

Leon Jänicke	Assessing 20th century tidal range changes in the North Sea
Fabio Mangini	Impact of the large-scale atmospheric circulation on the sea level variability over the Northern European continental shelf
M. KARPYTCHEV	Subsidence of the Ganges-Brahmaputra Delta induced by sediment loading
Luke Jackson	The impact of ice sheet interdependence upon probabilistic projections of sea-level change.
David Cotton	Application of satellite altimetry as a tool for managing coastal risk in Mozambique, Madagascar and South Africa
Michela De Dominicis	Modelling the impacts of climate change and tidal stream energy extraction in a shelf sea.
Joanne Williams	Storm surge forecasting procedures: errors arising from the double-counting of radiational tides.
Philip L. Woodworth	Sea Level Change in Great Britain between 1859 and the Present
Phil Knight	Tidal Level Measurements for Coastal Resilience and Survey
Ivica Vilibic	High-frequency sea level oscillations: relevance, predictability, climate and projections
Angela Hibbert	The Semiannual Oscillation of South Atlantic and Southern Ocean Sea Level
Felipe Hernández Maguey	Sea level impact of the Northers in the Mexican Pacific

Martin Horwath

Global Sea Level Budget and Ocean Mass Budget Assessment:
Preliminary Results From ESA's CCI Sea Level Budget Closure Project

Posters B: (Tuesday pm)

Ferret Yann

Historical sea level data rescue to assess long-term sea level evolution.
Example of Saint-Nazaire (France)

KEMGANG GHOMSI Franck Eitel

Sea Level Variability on Interannual, Decadal and Longer Time Scales
along the Tropical Atlantic

Cléa Denamiel

The AdriSC modelling suite: operational and research modes in
reproducing meteotsunamis

CAO Vu Quynh Anh

Adaptation of Wastewater Treatment Plants to Sea Level Rise

Jenny Brown

WireWall – a new approach to measure coastal wave hazard

Thomas Dhoop

Regional variability in the relative importance of surge and wave
forecasting around the English coastline

Clousa Maueua

Sea Level Variability in Pemba, North of Mozambique

Jan Even Øie Nilsen

The effect of decadal variability on the extreme sea levels on the west
coast of Norway

Matias G Boll

Sea Level Monitoring in the South Atlantic Coast: Preliminary results for
3 tide gauges operating for 817 days in South Brazil

Tabea Brodhagen

Influence of sea level rise on highest water levels during storm surges in
the Ems estuary

Marco Olivieri

Sea-level rise along the Emilia-Romagna coast (Northern Italy) in 2100:
scenarios and impacts

Chris Banks

Out of the Freezer: Scientific Altimetry Studies using CryoSat-2 in the
Global Ocean

Caitlin Nagle

Late Holocene Sea-level change in the Dysynni Valley, Wales

Svetlana Jevrejeva

Changes in global extreme sea levels by 2100

Phil Woodworth

The tidal measurements of James Cook during the voyage of the
Endeavour

Posters C: (Wednesday am)

Paola Picco

Tsunami-like occurrence detection and characterization: a comparison
between time-frequency analysis methods

María Elena Osorio-Tai

GNSS REFLECTOMETRY APPLIED TO MEXICO TIDE GAUGE
SITES

Lucy Bricheno

Changes in wave contribution to total sea-level in response to high-end
climate scenarios.

Igor Medvedev

Tides in the Black Sea and in the Caspian Sea: observations and
numerical modelling

Benjamín Colón Rodríguez

Exploring broad usage of Sea-Level data provided by the Puerto Rico
Seismic Network as a Natural Laboratory

Katarzyna Pajak

Investigation of the dynamic sea level changes in the Polish coastal zone

Leigh Richard MacPherson

A stochastic storm surge model for the German Baltic Sea coast

Andy Matthews

“Metadata”

Jessica Kelln

Assembling historical tide gauge records to a novel Baltic mean sea level
data base

Peter Hogarth

Improving our understanding of sea level rise, acceleration and
variability. Finding and assimilating new old data.

Matthew Couldrey

Drivers of the sea level response to common flux perturbations

Posters D: (Wednesday pm)

Luciana Fenoglio

Coastal Sea Level Rise and Land Vertical Motion

Youngmi Kim

Future Sea Level Projections over the Seas around Korea peninsular

Andrew Shaw

Improving the Validation Technique for Coastal Sea Level Rates from
Tide Gauge and Satellite Altimetry Observations

Gael ANDRE

Characterization and prediction of seiches in small-scale harbours

Bernardino Nhantumbo

Drivers and trends of coastal sea level variability along the east and south
of South Africa

Ying Qu	Sea-level rise and variability in China
Melisa Menendez	Can the coastal return sea levels be estimated when there is no local information?
Angela Hibbert	Tailoring Tide Gauge Technology to Developing Economies
Charlotte Lyddon	Flood hazard assessment for a hyper-tidal estuary and river as a function of tide-surge-morphology interaction
Steffen M. Olsen	Extreme sea level in the Danish coastal area as part of a new national climate service
Sam Royston	Variability in sea-level trends from open ocean to the coast: An Australian case-study
Eleanor O'Rourke	Developing the Irish National Tide Gauge Network for 21st Century Challenges
Xiaorong Li	Survival of coastal wetland under rising water levels
Andrew J. Plater	Tectonic influences on late Holocene relative sea levels from the central-eastern Adriatic coast of Croatia