

Conference outcome

The conference will serve as a basis for a new assessment of the state-of-the-art on regional sea level research that will be an important input to the next IPCC assessment.

A major outcome from the conference will therefore be an evaluation of the current state of sea level science, an outline of future research requirements for improving our understanding of sea level rise and variability and a description of the observational requirements (both experimental and sustained systematic observations).

The outcomes will be published in multiple forms, including an agenda setting peer-reviewed paper specifying the information on coastal seal level change required by coastal communities for adaptation and decision making purposes.

In detail the conference will:

- I. Identify the key factors contributing to past, present and future regional sea level rise and variability.
- II. Organize a systematic attack on the error budget of these factors.
- III. Identify stakeholder needs for sea-level information for coastal planning and management purposes.
- IV. Define the requirements for new and augmented research, technical development and observations consistent with the above.



Tony Armstrong - by Flickr

Current Sponsors

THE EARTH INSTITUTE COLUMBIA UNIVERSITY



US Department of Energy



CONTACT

Scientific Chairs

Robert Nicholls (R.J.Nicholls@soton.ac.uk)
Detlef Stammer (detlef.stammer@uni-hamburg.de)
Roderik van de Wal (R.S.W.vandeWal@uu.nl)

Local Organization

Peter Schlosser (schlosser@ldeo.columbia.edu)



INTERNATIONAL WCRP/IOC CONFERENCE 2017 Regional Sea Level Changes and Coastal Impacts

July 10-14, 2017

THE EARTH INSTITUTE COLUMBIA UNIVERSITY

New York, NY, USA



For full conference program see
www.sealevel2017.org

Sea level change is already impacting coastal communities globally and will continue to do so.

To meet urgent societal needs for useful information on sea level, the World Climate Research Program (WCRP) has established the theme "Regional Sea-Level Change and Coastal Impacts", as one of its cross-cutting "Grand Challenge" (GC) science questions.

The GC Sea Level has designed and developed an integrated interdisciplinary program on sea level research reaching from the global to the regional and coastal scales.

In particular, the program aims for close interaction with relevant coastal stakeholders to make sure that the results effectively support impact and adaptation efforts and wider coastal zone development and management.



The WCRP, jointly with the Intergovernmental Oceanographic Commission of UNESCO (IOC), is organizing an international conference on sea level research that will address the existing challenges in describing and predicting regional sea level changes, and in quantifying the intrinsic uncertainties.

It follows 11 years after the first WCRP sea level conference (Paris, 2006), and three years after the last Assessment Report of the Intergovernmental Panel on Climate Change (IPCC). It will provide a comprehensive summary of the state of worldwide climate-related large scale sea level research.

CONFERENCE SESSIONS

1. Paleo sea-level data and GIA modelling
2. Millennial-scale ice sheet and sea-level interactions
3. Contemporary contributions from ice sheets and glaciers
4. Contemporary sea-level change
5. Coastal zone
6. Projections

For a full list of the program, a description of the individual sessions and keynote speakers, see the conference website at www.sealevel2017.org

DEADLINES

- December 5, 2016:** Abstract submission open
February 15, 2017: Abstract submission close
March 15, 2017: Notification letter
March 15, 2017: Registration open

CONFERENCE FEES

- **Abstract submission fee - US\$ 35**
- **Registration fees**

	On or before May 31, 2017	After June 01, 2017
Regular	US\$ 450	US\$ 550
Students	US\$ 250	US\$ 350

- **Extra fees**

Attendance to optional events such as a cruise dinner and a field trip can be purchased separately, and the costs for those will be posted on the website soon.

* Lunches are not included as part of the conference registration fees

SCIENCE ORGANIZING COMMITTEE (SOC)

Co-Chairs

Robert Nicholls
Detlef Stammer
Roderik van de Wal

Members

Thorkild Aarup	Kathy McInnes
Jérôme Benveniste	Mark Merrifield
Anny Cazenave	Benoit Meyssignac
John Church	R. Steven Nerem
Gonéri Le Cozannet	Tony Payne
Catia Domingues	Rui Ponte
Natalya Gomez	Peter Schlosser
Jonathan Gregory	Mark Tamisiea
Jochen Hinkel	Pietro Teatini
David Holland	A. S. Unnikrishnan
Kevin Horsburgh	Jianjun Yin
Felix Landerer	Kathleen White
Eric Lindstrøm	

LOCAL ORGANIZING COMMITTEE (LOC)

Chair

Peter Schlosser

Members

Robin Bell	Maureen Raymo
Jérôme Benveniste	Jill Reisdorf
Nico Caltabiano	Cynthia Rosenzweig
Gregory Fienhold	Mike Sparrow
Jennifer Genrich	Detlef Stammer
Lei Han	Marco Tedesco
Catherine Michaut	Kristan Uhlenbrock
Mike Patterson	Pamela Vreeland
Anne-Lisa Pichler	

CONFERENCE VENUE



Columbia University
Lerner Hall
New York City
USA