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.

Contact

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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.

The conference will be held at Columbia University, Lerner Hall, New York City, USA.

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: Regular US$ 450, Students US$ 250
  - After June 01, 2017: Regular US$ 550, Students 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