

HIGH-END SCENARIOS OF REGIONAL SEA LEVEL CHANGES AND THEIR UNCERTAINTIES

The workshop aims to:

- review regional sea level projections simulated for high-end climate change scenarios as they result from CMIP5 and other computations
- discuss implications for a range of regional sea level scenarios
- analyze in depth inherent uncertainties of and consistencies among existing estimates
- develop a strategy as to how to further improve regional sea level projections
- present studies resulting from downscaling to better address regional sea level projections and their uncertainties, e.g. for the North Atlantic, Baltic/North Sea and Mediterranean
- discuss the quality of models analyzed through dedicated model-data intercomparison studies

Results from the workshop will be important for impact studies and adaptation policies. They will be published in form of a white paper or a peer-reviewed paper on challenges and uncertainties of regional sea level change projections.

The workshop will be open, but limited in size (up to 50 participants).

Key note presentations:

Antony (Tony) Busalacchi:
"Future Directions for the World Climate Research Programme: Grand Challenges for the Decade Ahead"

Mojib Latif:
"Initial value sensitivity of regional centennial sea level trends"

20. – 22. NOVEMBER 2013

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