**Climate change for coastal communities, infrastructure and cities: risks, adaptation and acceptability**

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Coasts are attractive territories for humans and their activities. In 2000, 21% of the world's population lived in urbanised areas located less than 30 km from the seashore. Despite the high attractiveness of these areas, several risks related to climate change, especially sea level rise, will turn in people, housing and infrastructure located in these coastal areas more exposed. For example, in 2011, 200 million people were exposed to extreme weather-related marine risks and all trends indicate that this number would increase.

Beyond the mitigation policies that are essential to reduce the effects of climate change, the adaptation of coastal areas is crucial in the short and medium terms. To imagine the future of these territories taking into account all their diversity, adaptation must be seen in a broad sense (protection, accommodation, retreat). Choices must be made taking into account the efficiency, associated costs and acceptability of adaptation measures in the short, medium and long terms.

The challenge of this session is therefore to reflect on the adaptation process, which should be technically feasible, economically viable and socially acceptable. It will bring together experts and practitioners proposing a multidisciplinary review on:

1. assessment of the effects of climate change,
2. adaptation solutions, both from a technical and an economic points of view,
3. measuring the perception of risks,
4. discussion about the possible barriers to adaptation including the acceptability of the measures, as well as
5. examples of decision-making processes for adaptation.