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## **Regional Climate Service – Experience from the North German Climate Office**

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The representation of risks we face is to a large part a matter of social construction. In 2006 the North German Climate office was established at the Institute of Coastal Research, Helmholtz-Zentrum Geesthacht and at the KlimaCampus Hamburg, to provide science based regional climate service for Northern Germany. In the following years three other regional climate offices started their work in the Helmholtz Association. Since climate change as well as the socioeconomic development varies in time and space regional climate services provide the scientific basis for adaptation strategies. Stakeholders in climate sensitive sectors need scientific based knowledge for developing adaptation strategies to a changing climate. In turn, from the science point of view there is insufficient insight in the type of information needed in the public. These circumstances imply three main tasks of a regional climate office:

- Stakeholder dialogue: Regional climate offices need to convey scientific knowledge into the public. In turn they need to explore the range of views, questions, and knowledge in the public about regional climate change.
- Science Interaction: Regional climate offices integrate scientific results for a specific region. At the same time public information demands on regional climate is integrated into research agendas.
- Provide adoptable knowledge: Regional climate offices develop user friendly products tailored for the specific needs of the stakeholders.

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