



Information

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Partners

- BiK-F (Biodiversity and Climate Research Centre)
- Senckenberg (World of Biodiversity - Research Institute and Natural History Museum)
- GFZ (Helmholtz Centre Potsdam - German Research Centre for Geosciences)
- DWD (German Weather Service)
- BfN (Federal Agency for Nature Conservation)
- More than 100 scientists from Germany

Funding

- GERICS-/BiK-F-funds

Project Duration

- Start: October 2010
- End: April 2013

Objectives

- Merging of knowledge on the state of biodiversity in Germany in the course of climate change for the different habitats; identify knowledge gaps and recommendations for action.

Milestones

- Author meeting (Oct. 2010) for the concept development
- Status conference (May 2011)

CONTEXT

Climate change and biodiversity respectively the loss of biodiversity are central challenges to humanity. Directly or indirectly – they affect every area of life - even in Germany: cities, waters, forests, natural and agricultural areas - all these can be influenced by climate change. Besides that, the diversity of species in these habitats represents at the same time the future adaptability of ecosystems to changing conditions.

There are many research results on climate change and its impacts, as well as numerous individual reports published in scientific journals. What has been missing so far was a compact, understandable compilation of the current state of knowledge with specific recommendations for action. This gap will be closed by the status report „Climate Change and Biodiversity: Consequences for Germany“.

METHODS

- Author meeting for the concept development in October 2010
- Status conference for interdisciplinary exchange among the various book chapters in May 2011
- Book publication in December 2012
- Publishing of Policy-briefs/Fact-sheets in April 2013

PROJECT OVERVIEW

The status report issued by the Biodiversity and Climate Research Centre (BiK-F) and the Climate Service Center Germany (GERICS) combines the latest findings on climate, climate impact and biodiversity research from numerous disciplines.

The report gives interested parties from politics, science, business and society a comprehensive insight into the impact of climate change on biodiversity (and vice versa), ecosystems and ecosystem services. Thus, the report provides the basis for knowledge-based activities associated with solid recommendations for action for the various social actors.

PRODUCTS

- Status report „Climate Change and Biodiversity: Consequences for Germany“
- Policy briefs/Fact sheets