

# Reflections with PEER on successes and challenges



## Hans Sanderson

DCE Danish Centre for Environment and Energy,  
and iClimate Center at  
Aarhus University

on

## Climate Change Adaptation



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# Climate Change Adaptation



## What have we achieved as PEER?

- First comprehensive report on national adaptation in Europe (2008)
- Support EEA via an ongoing European topic centre on adaptation (2010-)

### Adapting to Climate Change in Europe

Exploring Sustainable Pathways - From Local Measures to Wider Policies

- Provides a unique combination of perspectives both from broad modeling analysis (top-down) and real world case examples (bottom-up)
- Features real world case studies providing a tool for comparative learning, filling a key knowledge gap in climate change adaptation
- Describes the use of top-down economic models integrating novel adaptation features in Europe-wide and global models
- Provides in-depth analysis of adaptation processes and policies using new empirical material and approaches

*Adapting to Climate Change in Europe: Exploring Sustainable Pathways - From Local Measures to Wider Policies* is a scientific synthesis of a four-year project on adaptation activities in Europe. It describes how sustainable solutions can be ensured in adaptation to climate change. Concrete adaptation actions are still evolving; this book fills important gaps in current knowledge on climate adaptation, providing a crucial set of tools to support effective decision-making and a discussion on transformative change. It provides guidance to practitioners and decision-makers to get to grips with the challenges in adapting to climate change. *Adapting to Climate Change in Europe* is an essential resource for researchers, graduate students, and experts and policymakers working in climate change and adaptation.

**Hans Sanderson**  
Senior Scientist, Department of Environmental Science, Aarhus University, Denmark  
**Mikael Hildén**  
Professor, Climate Change Programme, Finnish Environment Institute (SYKE), Finland  
**Duncan Russell**  
Associate Professor in Environmental Policy, University of Exeter, United Kingdom  
**Gil Penha-Lopes**  
Researcher and Lecturer, Faculty of Sciences, University of Lisbon, Portugal  
**Alessio Capriolo**  
Head of the Economic evaluation, environmental accounting and sustainability, environmental risk perception and management Division, Italian Institute for Environmental Protection and Research (ISPRA), Italy



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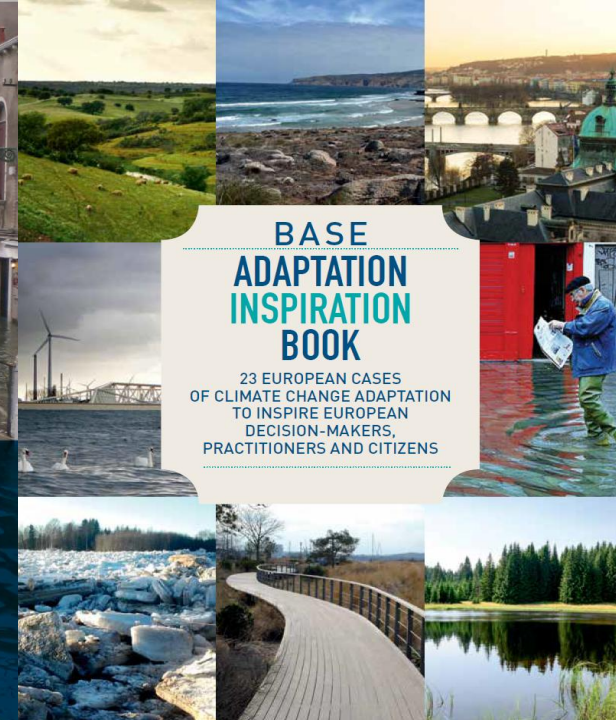


Adapting to Climate Change in Europe

## Adapting to Climate Change in Europe

Exploring Sustainable Pathways -  
From Local Measures to Wider Policies

Edited by Hans Sanderson, Mikael Hildén  
Duncan Russe, Gil Penha-Lopes, Alessio Capriolo



### BASE ADAPTATION INSPIRATION BOOK

23 EUROPEAN CASES  
OF CLIMATE CHANGE ADAPTATION  
TO INSPIRE EUROPEAN  
DECISION-MAKERS,  
PRACTITIONERS AND CITIZENS

# Climate Change Adaptation



## What are the future challenges?

- **Decision ready risk based adaptation research:**
  - *From impacts to risk and costs and benefits*
- **Private sector analysis:**
  - *Global risks and opportunities*
- **Implementation of directives such as:**
  - *Sustainable Finance Directive; Low Carbon Road Map; Climate Services road map*
- **Revised EU Adaptation Strategy (2019):**
  - *Focus from national plans → local action*

