



ZEW

Zentrum für Europäische
Wirtschaftsforschung GmbH

Centre for European
Economic Research

Invitation to the International Conference

“The Economics of Adaptation to Climate Change”

organized by the Centre for European Economic Research (ZEW),
Mannheim and the Wegener Center at the University of Graz

**on 16-17 June, 2009
at ZEW, Mannheim, Germany.**

The European Union and individual countries increasingly focus on adaptation to that dimension of climate change that we have already triggered and cannot avoid anymore. Furthermore, in the absence of a stringent global agreement on emissions reductions, much stronger impacts of climate change have to be expected in this century. Therefore, adaptation is essential for a portfolio of strategies in climate policy.

In particular, the following questions are on the research agenda: Will adaptation proceed autonomously? Which elements of planned and policy driven adaptation are crucial? What do we know about adaptation of agents in different sectors from past experience, what can we generalize, how can we transfer these results into our modelling efforts and into our analysis of policy induced adaptation? Also, impact evaluations of climate change crucially depend on the assumptions of the ability to adapt. Which policy instruments are available and for which sectors are they relevant? Do these policy options interact with mitigation policy?

The conference embraces theoretical, empirical and policy oriented contributions. It brings together international scholars to develop concepts and models as well as to present empirical evidence in the analysis of adaptation.

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Agenda

Tuesday, June 16 th 2009		
11.30 – 12.00 am	Registration	
12.00 – 1.00 pm	Lunch ZEW	
1.00 – 1.30	Welcome and Introductory Remarks: Adaptation to Climate Change	Andreas Löschel, Astrid Dannenberg (ZEW, Germany) and Karl Steininger (Wegener Center, Austria)
1.30 – 2.15	Climate Change and its Impact - Global up to Regional	Friedrich-Wilhelm Gerstengarbe (PIK, Germany)
2.15 – 3.00	Regionalisation of climate scenarios for climate change impact and adaptation research	Andreas Gobiet (Wegener Center, Austria)
3.00 – 3.30	Coffee	
3.30 – 4.15	Projection of Economic Impacts of Climate Change in Sectors of the European Union based on Bottom-up Analysis	Laszlo Szabo (IPTS, Spain)
4.15 – 5.00	Regional Economic Impacts of Climate Change Policy in Mitigation and Adaptation	Karl Steininger, Franz Pretenthaler (Wegener Center, Austria)
5.00 – 5.45	Adaptation to Climate Change in the European Union: Efficiency vs. Equity Considerations	Dirk Rübbelke (CICERO, Norway)
6.00	Dinner (ZEW)	

Wednesday, June 17 th 2009		
9.00 – 9.45 am	The Costs and Benefits of Adapting Flood Defences in Coastal Cities	Stephane Hallegatte (CIRED, France)
9.45 – 10.30	Environmental Damage and Price Taking Behaviour by Firms and Consumers	Johannes Kremers (DIW, Germany)
10.30 – 10.45	Coffee	
10.45 – 11.30	International Adaptation Funding	Hans-Martin Füssel (PIK, Germany)
11.30 – 12.15	Regional Adaptation Cost Curves in the AD-RICE model.	Kelly de Bruin (Wageningen University, The Netherlands)
12.15 – 1.00 pm	Adaptation to extremes in Europe - Insights from the ADAM project	Reinhard Mechler (IIASA, Austria)
1.00 – 1.30	Summary & Wrap up	Andreas Löschel (ZEW, Germany) and Karl Steininger (Wegener Center, Austria)
1.30 – 2.30	Lunch ZEW	