



## Bachelor Thesis

# Economic adaptation costs to climate change in Germany

Climate change presents multifaceted risks that might be inevitable despite global efforts to limit its impact. As outlined by Frankhauser (2016), adaptation is a crucial component of the global response to these risks. Adaptation involves a range of strategies such as adjusting building codes, investing in improved forecasting, and enhancing infrastructure robustness. However, these measures entail additional costs compared to a scenario without climate change. While there is extensive literature on the costs associated with climate change mitigation, adaptation costs remain an understudied area (Flaute et al., 2022).

The primary aim of this thesis is to provide a systematic overview of climate change adaptation costs and investments in Germany. This can be achieved through a comprehensive literature review and structured presentation of the findings related to adaptation cost studies for Germany.

## Key tasks and objectives of the thesis

- Describe the concept of climate change adaptation costs and investments
- Review publications on climate change adaptation costs and investments in Germany
- Systematically present the dimensions of adaptation costs and investment and their scenarios in Germany

## Your profile

- Economics major, best with a focus on energy
- Analytical thinking and the ability to carry out independent scientific work

## Literature

- Flaute, M., Reuschel, S., & Stöver, B. (2022). Volkswirtschaftliche Folgekosten durch Klimawandel: Szenarioanalyse bis 2050. GWS mbH Osnabrück.
- Frankhauser, S. (2017). Adaptation to climate change. Annual Review of Resource Economics, 9, 209-230.

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### Contact



**Philipp Theile**

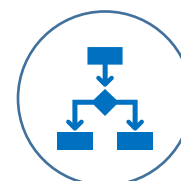
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### Topics



- Climate change adaptation costs

### Methods



- Literature review
  - Quantitative comparison
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