



XXV FIG Congress 2014 Engaging the Challenges, Enhancing the Relevance

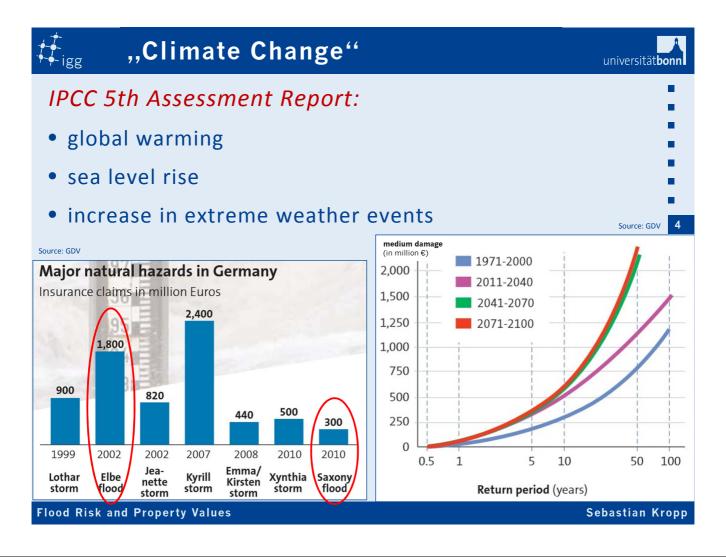
FLOOD RISK AND PROPERTY VALUES

Sebastian Kropp

Surveying for a Safer and more Sustainable Life







Facts



"Location in a designated flood plain area results in lower property values"

- flooding parameters
- market situation
- "flooding amnesia"
- insurance premiums
- protective measures

methods:

 expert interviews, simple statistical methods, hedonic pricing, repeat sale

Flood Risk and Property Values

Schastian Kropp

🗱 Expert Survey



- more than 1.550 real estate valuation experts
- response rate: 32% (502)

location in a designated flood plain area (no flood event)

location in a designated flood plain area and a flood event

- Consideration within the valuation process?
- If yes, at what point?
- If no, why?

specific questions:

- insurance premiums
- > time period for recovery of property values after a flood event
- extension of marketing period

Flood Risk and Property Values

Sebastian Kropp

