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Deutsches Komitee Katastrophenvorsorge e.V.

German Committee for Disaster Reduction
within the International Strategy for Disaster Reduction (ISDR)



Integration of disaster reduction into adaptation to climate change



Forest Fire

DKKV, Murcia 26.09.09



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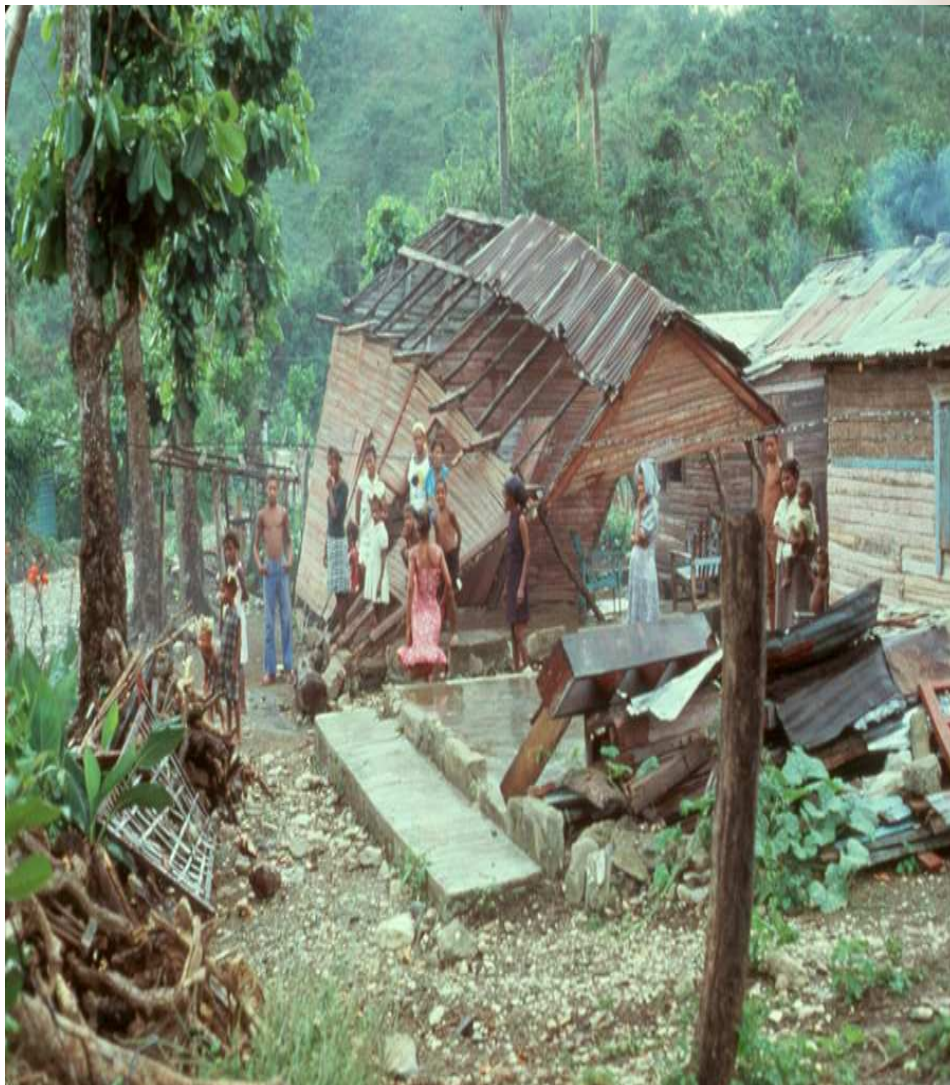
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Adaptation:

Adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities.

Disaster Reduction:

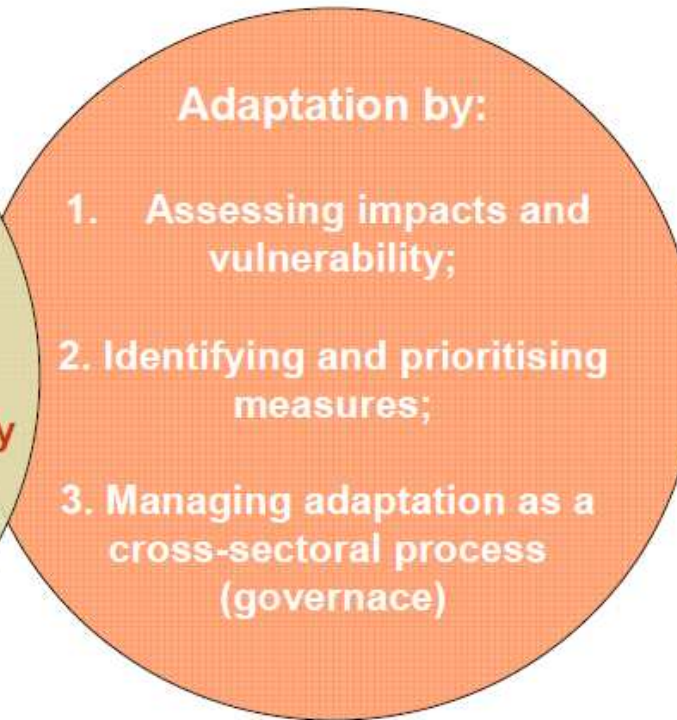
The concept and practice of reducing disaster risks through systematic efforts to analyse and manage the causal factors of disasters, including through reduced exposure to hazards, lessened vulnerability of people and property, wise management of land and the environment, and improved preparedness for adverse events.



Disaster Risk Management



Adaptation to Climate Change



Reduction of risks induced by climate change



Challenges and Barriers

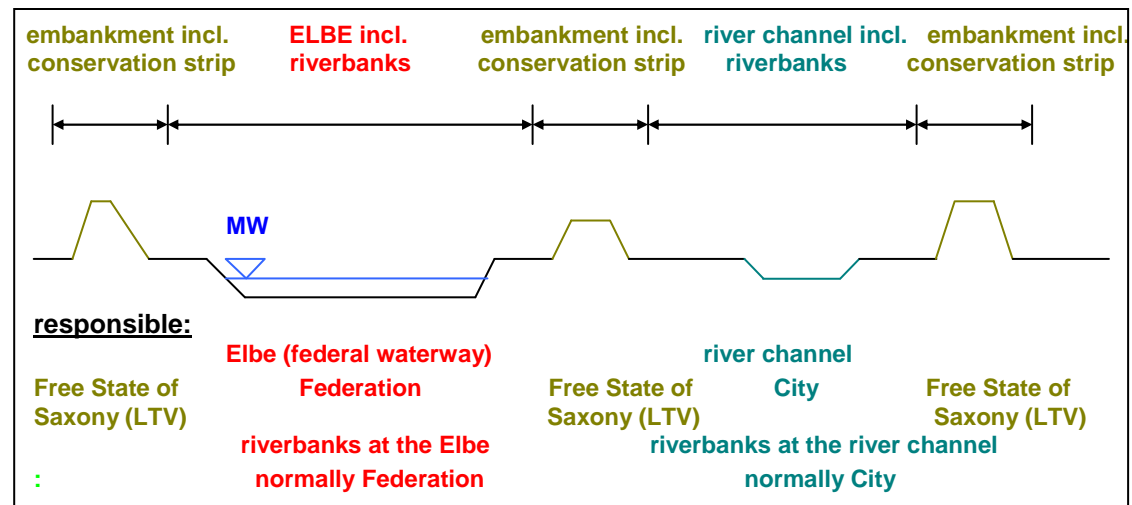
Different ministries/agencies are responsible for DRR and CCA

Different Spatial scales

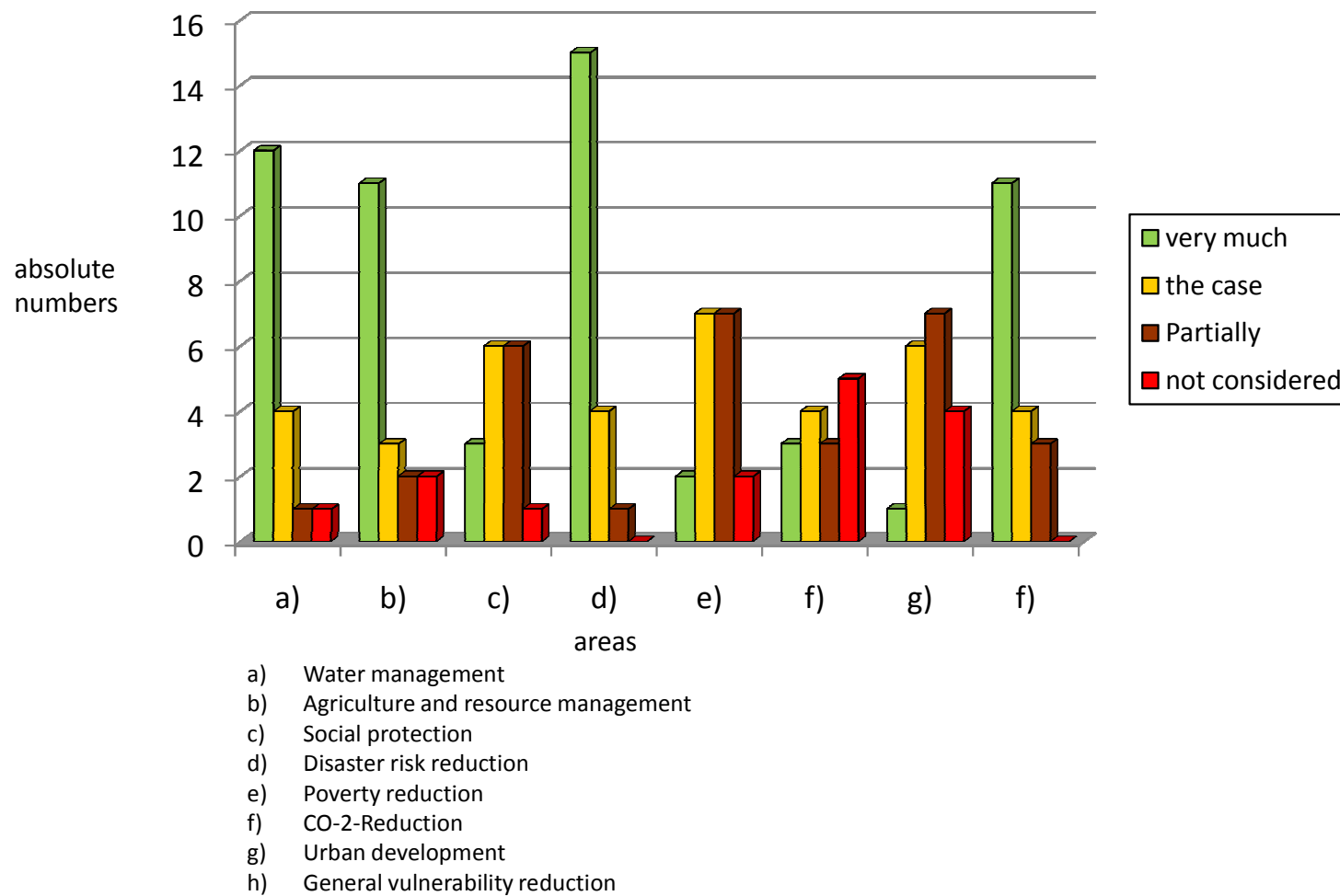
Different funding schemes



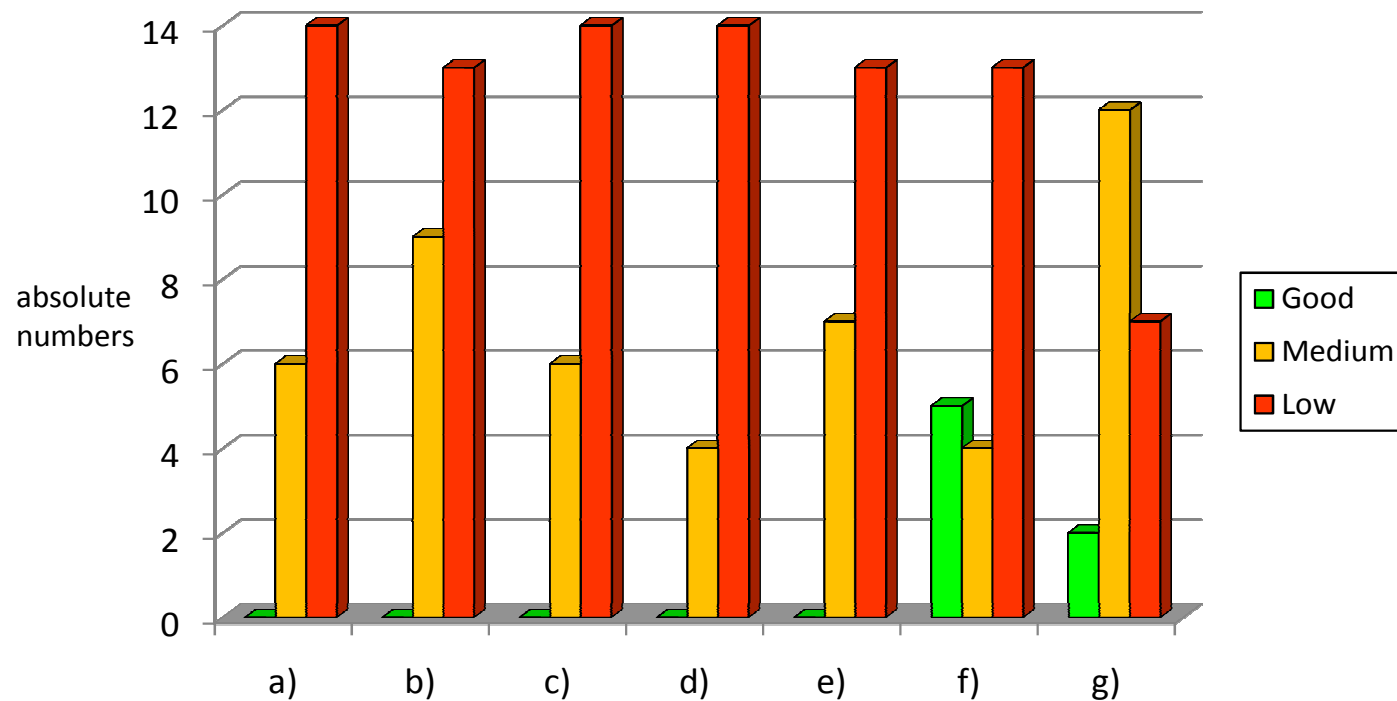
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Areas of work that are linked to Climate Change



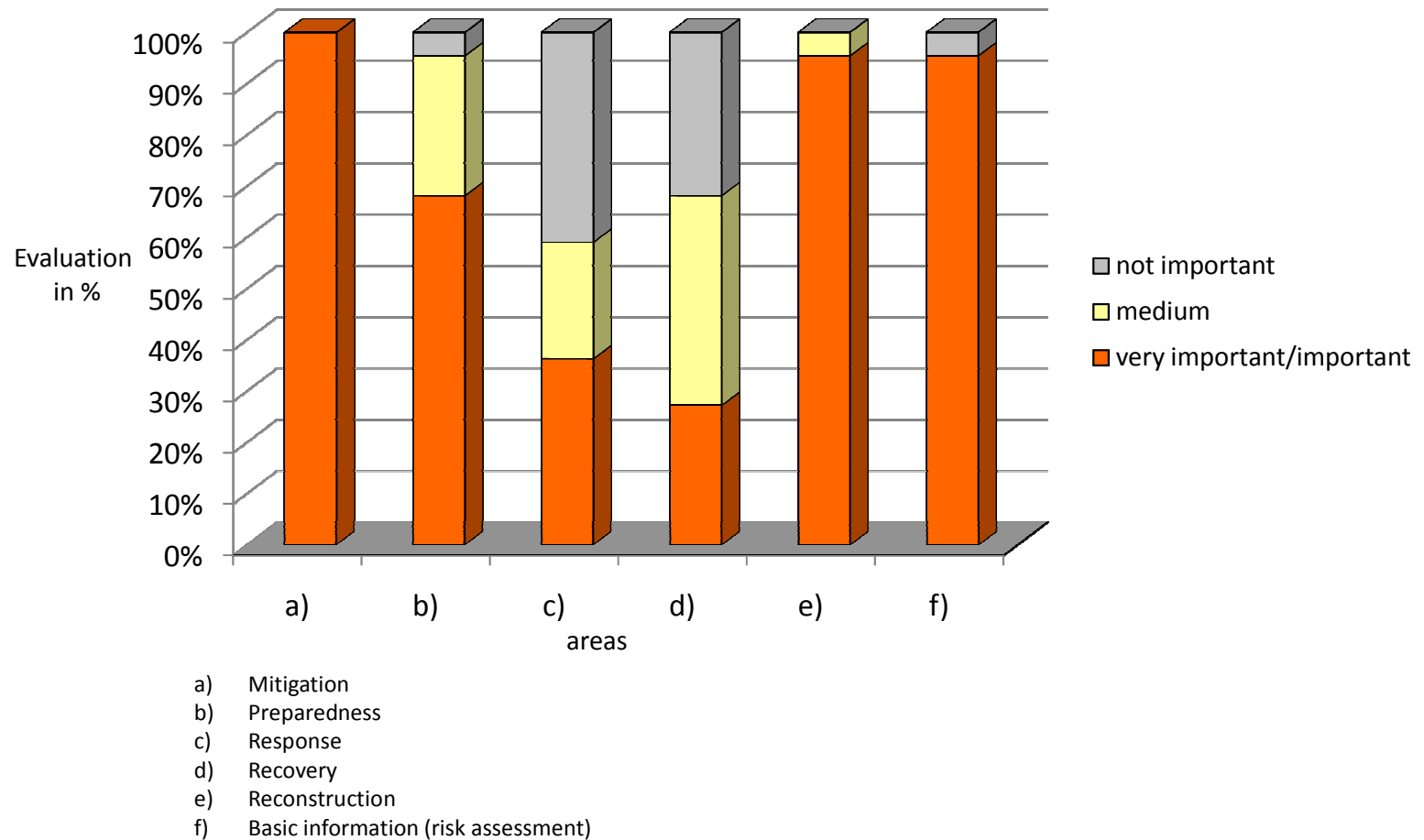
Cooperation between different institutions and organizations regarding integrative strategies for DRR and CCA



- a) The cross-sectoral and integrative character of current adaptation strategies is..
- b) The link between DRR and CCA in current strategies is
- c) The link between CCA at different governance levels is..
- d) The cooperation between different ministries regarding adaptation is...
- e) The synergies between different stakeholders in DRR and CCA is...
- f) The cooperation between scientists and practitioners is..
- g) The collaboration between different NGOs/development organizations is...



Areas where CCA can be integrated in DRR along the disaster risk cycle





Conclusions

Need for...

- **More localized spatial resolution of climate change data**
- **Better links between short and long-term strategies (multi-temporal scales)**
- **More coherent funding schemes that enhance the cooperation between DRR and CCA**
- **More systematic consideration of climate change aspects in different phases of DRR**
- **Closer link between CCA strategies at different governance levels, sectors and between ministries involved**



To Do (for DRR)

- **Recognition of change as a chance and window of opportunity (incorporation of CCA into reconstruction and recovery phases)**
- **Move from damage and needs assessment to vulnerability and adaptation assessment (reconstruction, mitigation)**
- **Evaluation of existing instruments under the conditions of climate change**
- **Improvement of dynamic social and economic vulnerability data and indicators as well as of information on different adaptation measures**



To Do (for CCA)

- **Implementation of funding schemes that encourage cooperation through quality criteria and require both DRR and CCA elements**
- **Development of urban climate change adaptation strategies that incorporate DRR**
- **Development of quality/evaluation indicators and recommendations that strengthen cooperation and the integrative character of combined strategies**



National:

National Adaptation Plans (UNFCCC)

German Adaptation Strategy (Environmental Agency)

Climate proofing (Ministry of Economic Cooperation and Development)



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8.

Forum
Katastrophenvorsorge



Tagungsprogramm

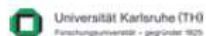
Katastrophenvorsorge im Klimawandel

Universität Karlsruhe (TH)
Englerstr. 11, Gebäude 11.40 (Tulla Hörsaal)

15. und 16. Oktober 2007



Mit Unterstützung von:



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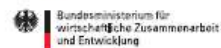
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Mit Unterstützung von:



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9.

Forum
Katastrophenvorsorge

Herausforderungen für die Katastrophenvorsorge im 21. Jahrhundert

20. + 21. November 2008
Deutscher Wetterdienst (DWD)
Offenbach





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International Human
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Global Environmental Change
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Bonn Dialogues
on Global
Environmental Change

*Climate Change:
Control, Adapt
or Flee?*

Public Symposium
17th of April 2007, 6 p.m.
Deutsche Welle
(language: English)
Registration desired

Organised by:



Special co-organiser:



Supported by:



Photocredits:
Olivia Dun,
Marc Stal



Bonn Dialogues on
Global Environmental Change

*“Environmentally Induced
Migration –
Concept or Reality?”*

Public Symposium
6 November 2008, 6 p.m.
Haus der Geschichte Bonn
Language: English
Registration desired

Stiftung
Haus der Geschichte
der Bundesrepublik Deutschland



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Flood Risk Reduction in Germany

Lessons Learned from the 2002 Disaster in the Elbe Region

FEBRUARY 2004 DKKV Publication 29 e



Summary of the Study

LESSONS LEARNED



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DKKV publication series

Severe Storms over Europe

A Cross-Border Perspective of Disaster Reduction

Second International Workshop
German Committee for Disaster Reduction
Schloss Hohenkammer
26-28 March 2007
Summary Report
Editors: H. Schmitz-Wenzel, G. Tetzlaff,
B. zum Kley-Figuet, B. Deschamps,
D. Drabing



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Katastrophenschutz (DGKS) ist
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aus der ganzen Bundesrepublik
Deutschland.

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Anpassungsstrategien an den Klimawandel

Anforderungen an den Bevölkerungsschutz



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European Union:

White paper on Adaptation to Climate Change

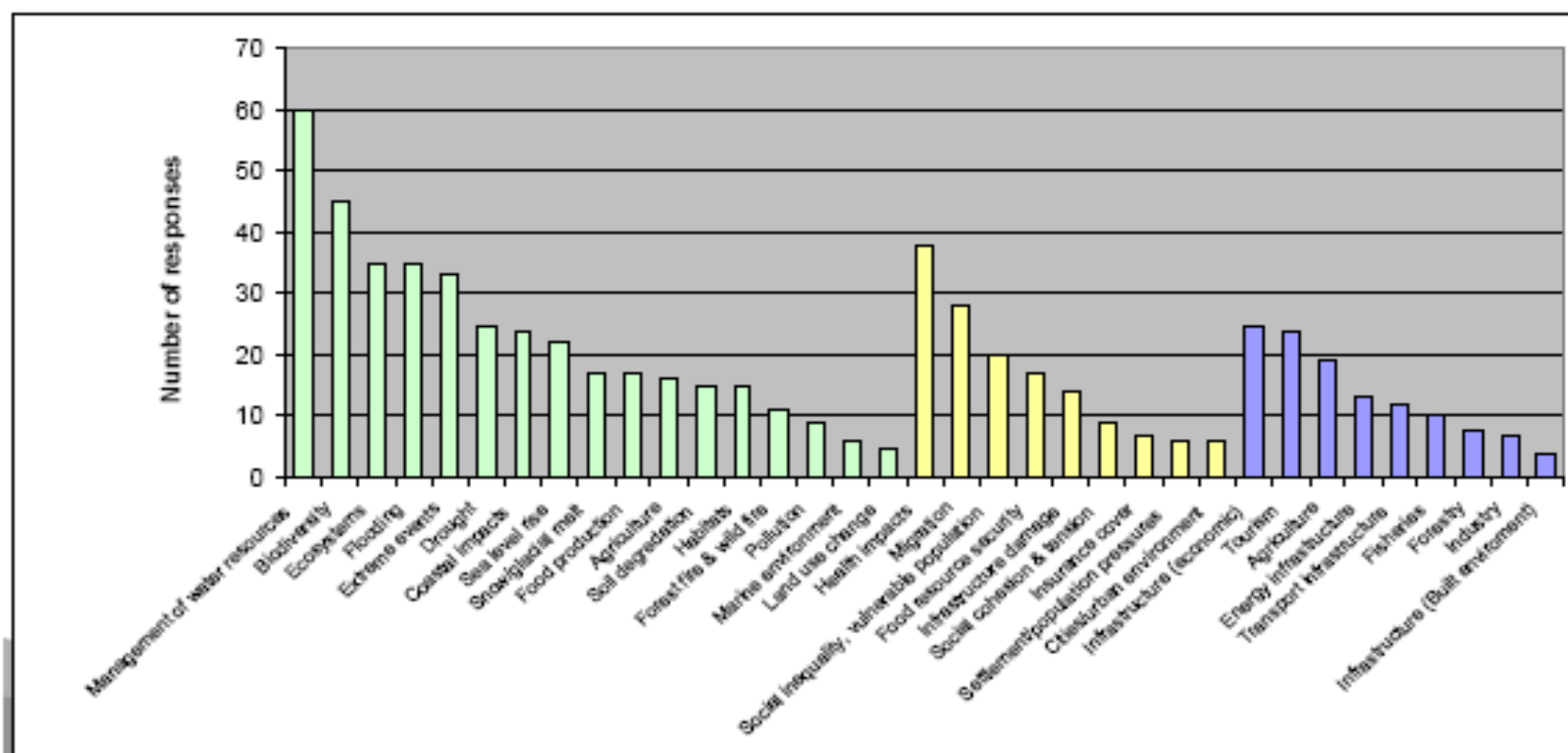
Disaster Reduction in developing countries

Prevention of man-made and natural disasters in Europe



Consultation: some results

Most severe impacts





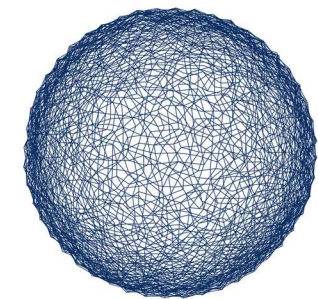
International (United Nations):

Conference of the parties in

Copenhagen Dec. 7 – 18 (COP 15)

Midterm Review of the Hyogo

Framework for Action



COP15
COPENHAGEN
UN CLIMATE CHANGE CONFERENCE 2009



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