



Protocol on Water and Health
Convention of the Protection and Use of Transboundary Watercourses and International Lakes

WORKSHOP ON SETTING TARGETS AND REPORTING

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Palais des Nations

*Target setting process under climate change
and variability*

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“A target is a commitment made to achieve a specific level of protection of human health and water resources, quality or service “
(WH/TFIR 02-02)





THIS PRESENTATION

Target setting process under climate change and variability

✓ The link with Protocol obligations

✓ *governance of prevention of “Water-related disease”*

✓ The need to include extreme events :

*current evidence on impacts of extreme weather events
in the Region*

the transboundary and sub regional vulnerability issues

The link with on going activities (strategic approach)





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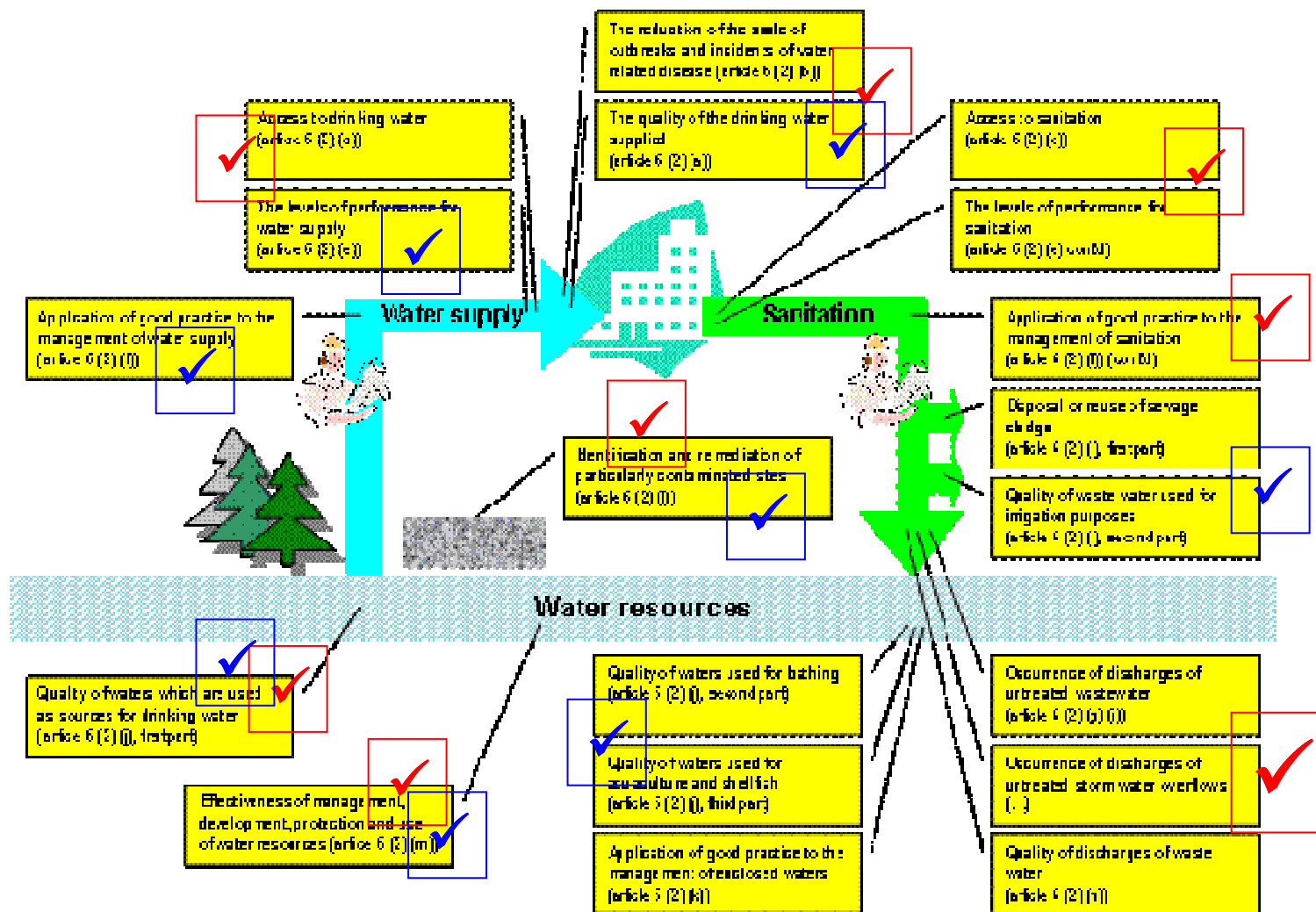
The evidence based link
with Protocol
obligations and objectives

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Floods and drought and art.6: the links





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The *evidence based* need to include extreme weather events

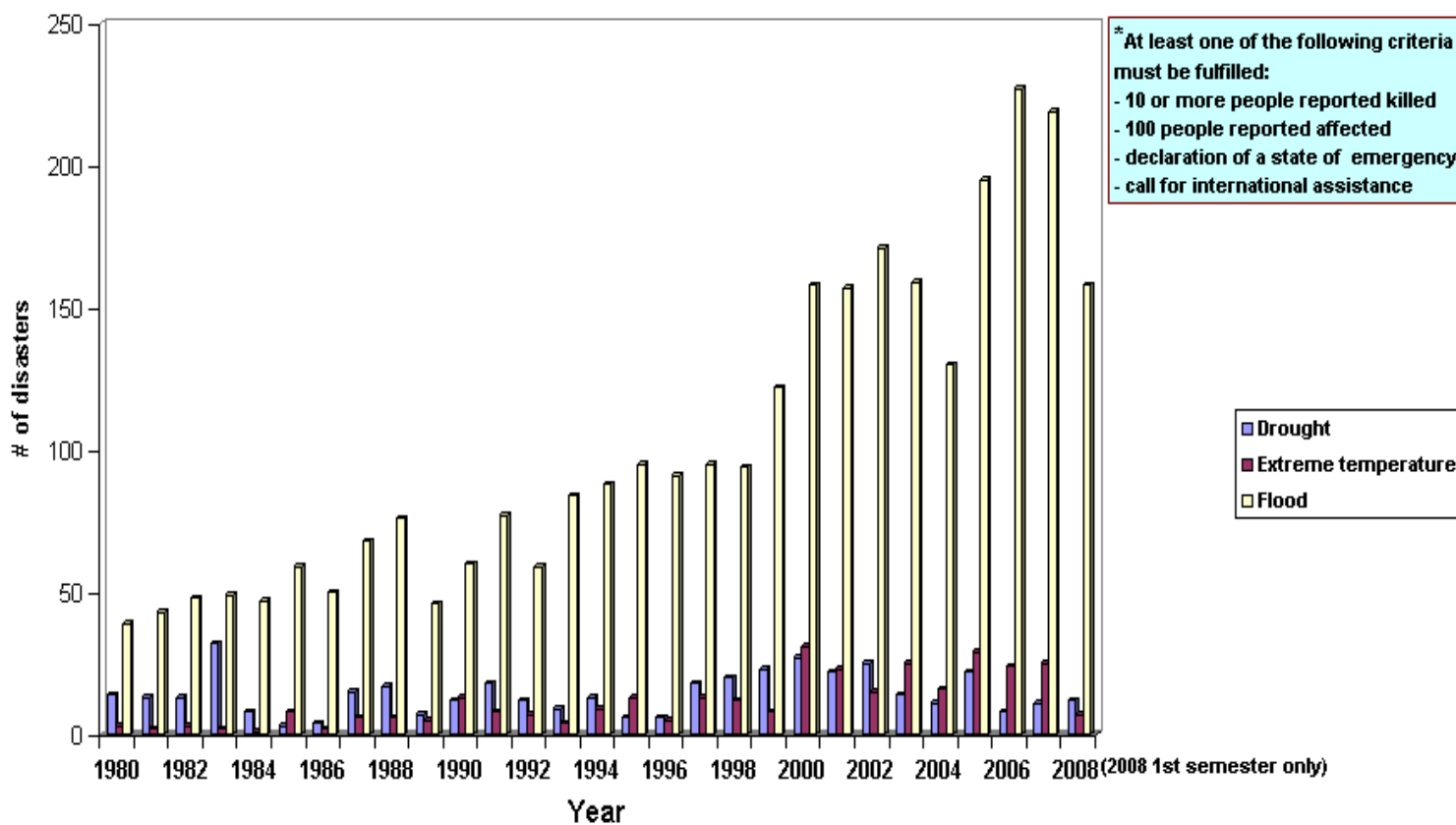
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Number of drought, extreme temperatures and flood disasters* (1980-2008) Global data



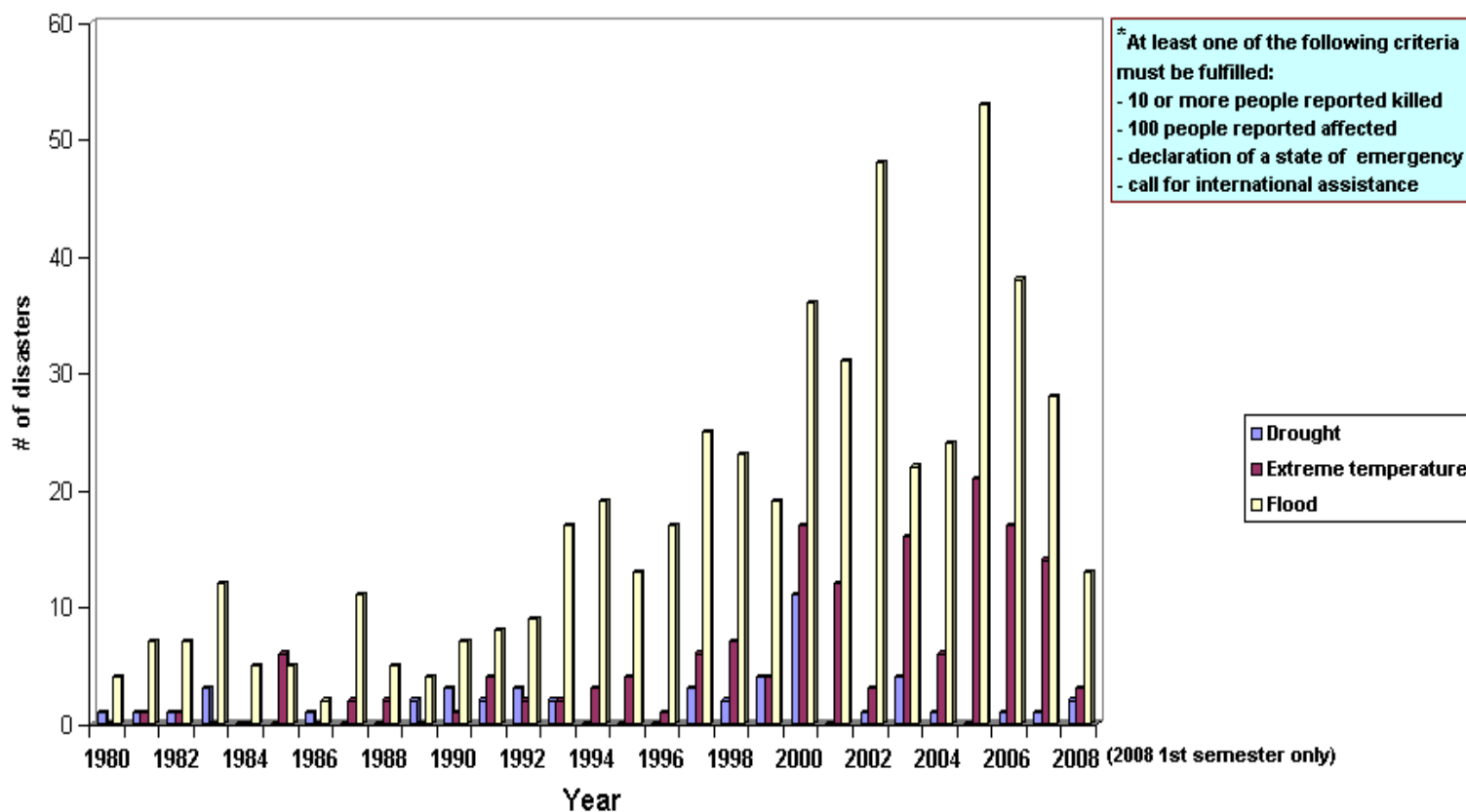
Source: EM-DAT database by CRED adapted by ISPRA
(CRED= Centre for Research on the Epidemiology of Disasters - Université Catholique de Louvain)

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Number of drought, extreme temperatures and flood disasters* in UNECE Region (1980-2008)

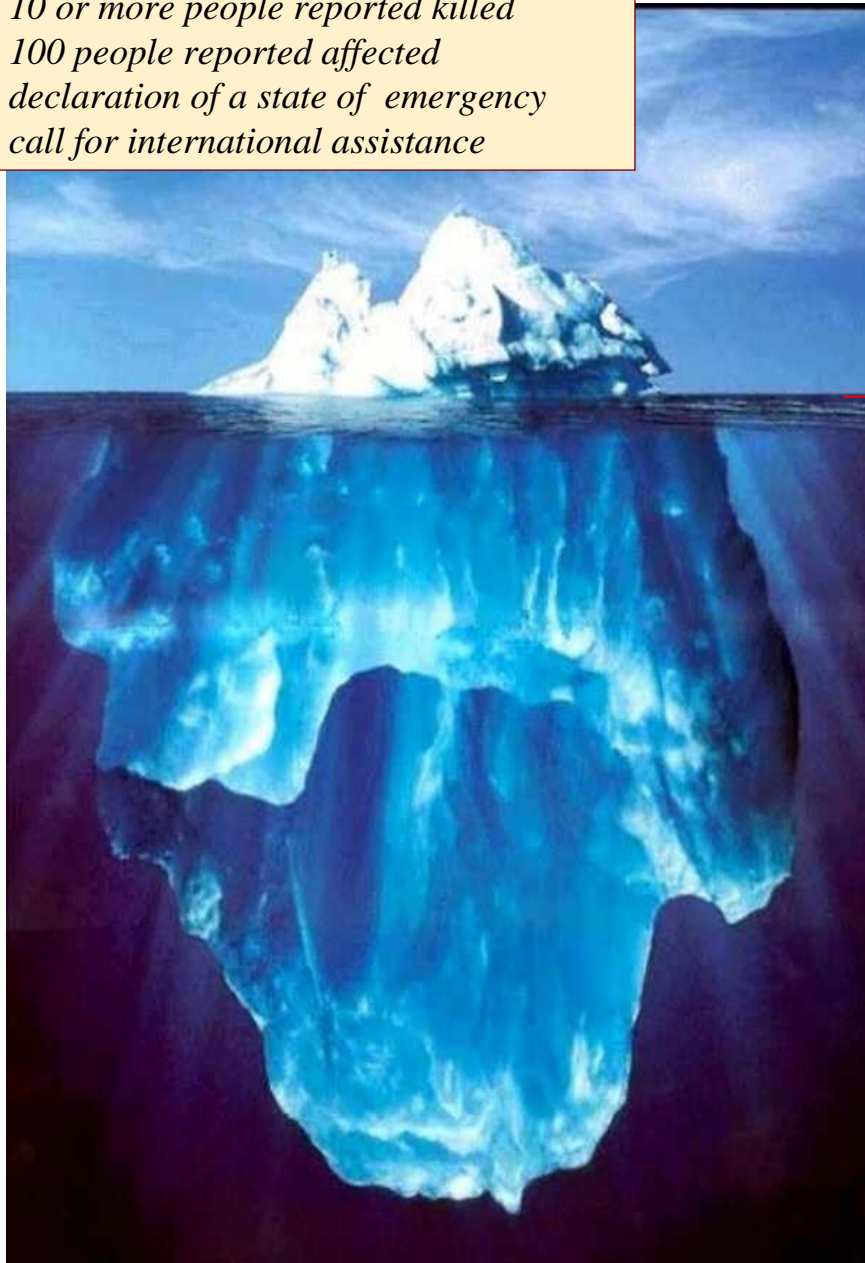


Source: EM-DAT database by CRED adapted by ISPRA
(CRED= Centre for Research on the Epidemiology of Disasters - Université Catholique de Louvain)



***At least one of the following :**

- 10 or more people reported killed
- 100 people reported affected
- declaration of a state of emergency
- call for international assistance



UNECE Region 1980-2008

Disaster *

*About 90.000 victims
More than 35 millions
of affected people*

Events





Vulnerability of the process of target setting in the Region: transboundaries

1. Legal and institutional set-up (multilateral agreement)
 - Link with adaptation strategy and self assessment tools*
 - Include disaster risk management measures
2. Planning and implementation of risk management for water supply and sanitation (WSS) in extremes**
 - small vs central suppliers, private vs public managers
3. Availability and reliability of information
 - Share early warning system*

* Link Policy Guidance Water Convention

** Link Guidance WSS Protocol

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Challenges on developing ad hoc target/ indicators

Baseline assessment:

- Climate risk and vulnerabilities
 - ad hoc info system for socio economic impacts (e.g. agreement on drought)
 - environmental vulnerabilities
 - social vulnerabilities (population group, coping capacities, water/ land use depending sectors)
- National preparedness:
 - legal and financial background (surveillance system, capacity building etc)
 - Emerging health risk





Preliminary conclusions

- Target process needs to be tailored also on changed meteo climatic scenarios
- UNECE/Protocol framework activities and Task Forces may facilitate tools and indicators development

Thank you

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