

**EEA report on Climate change adaptation and
disaster risk reduction in Europe - Synergies for
the knowledge base and policies
(2017 EEA CCA/DRR report)**

EU policies on CCA and DRR

- **Floods Directive** (*Directive 2007/60/EC*)
- **Green Paper on Insurance in the context of natural- and man-made disasters** (*EC, 2013*)
- **EU Strategy on Adaptation to Climate Change** (*EC, DG Clima, 2013*)
- **Decision on Union Civil Protection Mechanism** (*EC, 2014*)

EU knowledge base initiatives on CCA and DRR

- **Guidance for Recording and Sharing Disaster Damage and Loss Data** (*JRC, 2015*)
- **Disaster Risk Management Knowledge Centre – DRMKC** (*DG ECHO, DG HOME and JRC started in 2016*)
- **User Manual Climate extremes. Defining a pilot approach on estimating the direct and indirect impacts on economic activity** (*EC, DG Clima contract, 2014*)
- **Community of Users on Disaster Risk Management and Crisis Management** (*EC, 2014*)
- **European Forum for Disaster Risk Reduction – EFDRR** (*EC, DG ECHO, EUR-OPA, UNISDR Europe*)

Synergies between CCA and DRR

- DRR does not consider the **future changes** in the occurrence of extreme events in details,
- DRR includes also **non - climate** related hazards,
- CCA addresses climate change and changes in **extreme events**, but focuses mainly on **prevention and protection**,
- DRR focuses on the **full cycle** (prevention, preparedness, response, and recovery).



Benefits of integration

CCA and DRR provide a range of **complementary approaches** for managing risks of climate and weather extremes

- Enhance knowledge base
- More effective and efficient policies
- Stronger collaboration between scientific and policy communities



Main objectives the report

- To facilitate a better **awareness** and **communication**
- To explore potential **synergies** between DRR and CCA – (knowledge base, policy developments and implementation)
- To describe **trends** and **projections** of selected extremes
- To describe **economical losses** from weather and climate related disasters.
- To address **case studies** of successful solution and good practices

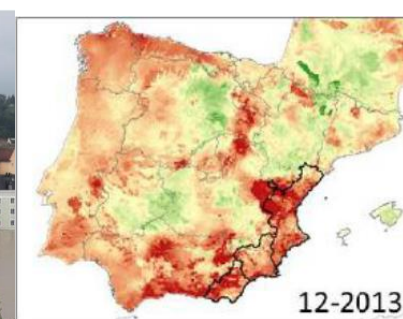
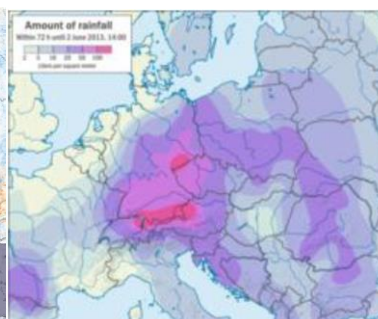
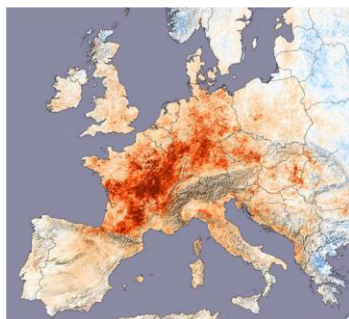
Chapter 2: Overview of the policies and practices

- **Overview of policies** at the European, national, and subnational scales (*day 2 session 1*),
- **Methods and tools** for analysing the risks and overview of existing solutions (*day 2 session 2*),
- **Linking CCA and DRR in practice** (*day 2, sessions 3 and 4 and also day 3*).

Outline

Chapter 3: Assessment of weather and climate related extreme events (hazards) in Europe (mainly based on the EEA/ETC report “Extreme weather and climate in Europe”)

- Focuses on 10 extremes
- Includes assessments of trends and projections
- Describes selected historical events (droughts, heat waves, hail, heavy precipitation, ...)



Chapter 4: Impacts and risks of hazards on different sectors in Europe

- Overview of the **availability of damage/loss data** at global, European, national, and subnational scales),
- **Impacts and risks** of natural hazards on human health, ecosystems, and socio-economic sectors.



Chapter 5: Filling the gaps - successful cases and solutions (*day 3*)

- **Opportunities** to better integrate CCA and DRR,
- **Examples (case studies)** of successful solution and good practices.



Time schedule for the report

- **Work Plan** by end of 2015 (authors from ETC CCA, ETC ICM, JRC)
- **Advisory Group (AG)** (including European Commission; meetings electronically, May/Sep)
- **Questionnaire** to countries (Feb-March)
- **Expert Workshop on 2017 EEA CCA/DRR policies and practises**
- Preparation and **writing of the report:**
 - first draft: end June 2016
 - expert review
 - second draft: end Oct 2016
- Eionet **review:** end Jan 2017
- **Publication:** June 2017

Thank you for participating in the workshop



New 2017 EEA CCA/DRR report

- “Climate change adaptation and disaster risk reduction in Europe - Synergies for the knowledge base and policies”
- to be published in June/July 2017
- Main responsables:
 - *EEA*: Sergio Castellari, Blaz Kurnik, Andre Jol
 - *ETC/CCA*. Jaroslav Mysiak, Rob Swart, Reimund Schwarze, Patrick Pringle, Paul van der Linden
 - *ETC/ICM*: Ad Jeuken, Henk Wolters