

Drought Workshop Pillnitz, 16.11.2016, Session 1

Introductory Remarks

- ✓ This is a workshop, not a conference!
- ✓ The workshop brings together a variety of expertise and experience from science, management and policy spheres
- ✓ The focus is on how we can work together to move from reactive drought crisis management to proactive drought risk management
- ✓ What are the needs and what are our current capabilities?
- ✓ Why do some things work and other not?
- ✓ Where are the most important gaps?
- ✓ What do we need to do to improve on this?
- ✓ How do we bring this into the Sendai process, UNFCCC, GFCS, ...

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Global Framework for Climate Services (GFCS) – R. Stefanski

- ✓ GFCS **priorities**: Agriculture, DRR, Water, Health, and (recently) Energy
- ✓ Enables better coordination and greater integration across disciplines, actors and sectors
- ✓ Builds on existing capacities → leverage them through coordination
- ✓ **Components**: Observation & Monitoring; Research, Modelling & Prediction; Climate Services Information System; User Interface; Capacity Building
- ✓ **Implementation** priorities: Capacity building (talk to the users!); address gaps; observations and data recovery; partnerships across sectors; governance, leadership and management capacity
- ✓ Early implementation through focus on a limited no. of vulnerable countries → organisation of workshops
- ✓ Expected **benefits**: Better water resources management; improved disaster risk management; improved support for health sector; improved agricultural planning and management

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Integrated Drought Management Programme (IDMP) – R. Stefanski

- ✓ IDMP established 2013 by the HMNDP (APFM in 2001)
- ✓ Led by WMO and GWP
- ✓ Foster move from reactive to proactive management approach
- ✓ Draws on principles of integrated water resources management (horizontal integration)
- ✓ Fosters exchange of experience between global, regional, national and local level (vertical integration)
- ✓ Framework components: “Monitoring and EWS”, “Preparedness and Mitigation Actions”, “Vulnerability and Impact Assessment”
- ✓ Includes an online Library (guidelines, tools, case studies, ...)
- ✓ Helpdesk under development (-> to be run together with APFM?) → core team at WMO that links to experts in IDMP partner organizations
- ✓ 6 regional programmes

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Discussion

- ✓ Should we not focus on the full spectrum of extreme weather events? → a certain focus on drought is necessary!
- ✓ Consider the multi-stressor aspects of drought impacts!
- ✓ Consider cascading impacts of droughts and between different extreme weather events (e.g., heat stress and droughts)
- ✓ How can we characterize droughts and link this to the variety of impacts?
- ✓ Groundwater and stream flow are often not adequately considered!
- ✓ The challenge is the implementation!
 - actively engage with decision-makers from the beginning
 - this is often difficult (different contact points, staff turn-over, short-term priorities)
 - why does it not work, what can we do to make it work?