

Sort-out Drought!

Dresden-Pillnitz, 16 to 18 November 2016

Agenda

8:30 – 9:00 Registration

Day 1, Wednesday 16th November 2016, 9:00 to 15:00 plus Social Part

- 9:00 – 10:30 **Session 1: Setting the scene: Sort-out Drought, Why now and here?**
(Chair-1; **Michael Hayes**, Rapporteur-1: **Jürgen Vogt**)
7' Welcome Notes, 25' Presentations, 5' Discussion post presentations
Welcome Notes LfULG (Werner Sommer), DWD (Paul Becker), NOAA (Roger Pulwarty), JRC Ispra (Jürgen Vogt)
Presentation on the (potential) role of GFCS to handle drought + water
(Filipe Lucio, **Robert Stefanski**)
Presentation on Integrated Drought Management Program (IDMP),
Robert Stefanski)
- 10:30 – 11:00 **Coffee Break**
- 11:00 – 13:00 **Session 2: Capabilities and Needs**
Requirements, best practices and approaches in high drought risk regions and relevant sectors (e.g., water and soil management, irrigation, cropping). Presentations will identify gaps vs. the status quo of drought monitoring and warning products.
- 11:00 – 12:15 **Session 2a, Needs in Europe, US and on global scale**
(Chair-2a: **Roger Pulwarty**, Rapporteur-2a: **Andreas Becker**)
20' Presentation, 5' Discussion
An Overview of the Global Drought Information System (Siegfried Schubert)
Drought Monitoring and Forecasting in Europe and Globally: Needs and Experiences of the EC (Jürgen Vogt)
Building Drought Resilient Communities in Montana (Shaun McGrath)
From Montana to Dresden...Drought Risk Management Around the World (Mike Hayes)
- 12:15 – 13:20 **Working Lunch with Presentation**
Improving sub seasonal to seasonal prediction-A critical timescale for drought early warning (Wayne Higgins)
- 13:20 – 15:00 **Session 2b, Needs in Central Europe**
(Chair-2b: **Kerstin Stahl**; Rapporteur-2b: **Stephanie Hänsel**)

20' Presentation, 5' Discussion

[Monitoring of Aridity and Drought in Central Europe through INTERSUCHO](#) (Mirek Trnka)

[Interactive drought monitor - tool for transfer of drought risk knowledge in to the education and praxis](#) (Jaroslav Vido)

[Drought Monitoring in Poland](#) (Tamara Tokarczyk)

[Climate change - Options for estimating the trend of drought characteristics \(status quo\)](#) (LfULG, Johannes Franke, Andreas Völlings)

15:00 – 19:30 Return to Hotel and Social Part (Excursion and Dinner)

Day 2, Thursday 17th November 2016, 9:00-18:00

09:00 – 09:30 **Wrap-up Day 1:** Rapporteurs [1](#), 2a, 2b (5 min + 5min discussion each)

09:30 – 10:00 *Coffee Break*

10:00 – 11:00 **Session 3a: Demonstrate Capabilities of EC, Germany, US, and Saxony: Monitoring and Prediction**

(Chair-3a: Mark Svoboda; Rapporteur-3a: Siegfried Schubert)

12' each, 24' Discussion with Panel of all Presenters

[EC Capabilities in drought monitoring and prediction](#) (Christophe Lavaysse)

[DWD Capabilities in drought monitoring and prediction](#) (Markus Ziese)

[U.S. Drought: Forecasting and Prediction](#) (Robert Webb)

[U.S. Drought Monitoring Efforts](#) (Mark Svoboda)

11:00 – 12:00 **Session 3b: Demonstrate Capabilities of EC, Germany, US, and Saxony: Vulnerability and Impacts assessment**

(Chair-3b: Lena Tallaksen; Rapporteur-3b: Christophe Lavaysse)

10' each (final one 5' only), 20' Discussion with Panel of all Presenters

[Drought Exposure, Vulnerability and Risk Assessment at the Global Scale](#) (Hugo Carrao)

[Agricultural Economic Impact Assessment after Drought](#) (Taryn Finnessey)

[Drought Vulnerability and impacts Assessment in Transboundary River Basins. The Iberian Peninsula Case](#) (Rodrigo Maia)

[Towards impact prediction: lessons from exploring links between drought indices and drought impacts](#) (Kerstin Stahl / Veit Blauhuts / Sophie Bachmair)

[The European Drought Impact Report Database \(EDII\) – A quick survey on recent developments and new features](#) (Lena Tallaksen)

- 12:05 – 12:30 **Session 3c: Cases and New Tools**
 (Chair-3c: **Tamara Tokarczyk**, Rapporteur-3c: **Gregor Gregoric**)
 10' each, 5' discussion with both presenters
The risk of yield loss due to drought - The impact of changes of water balance variables (**Ellen Müller**, **Falk Ulrich**, LfULG; **Falk Böttcher**, DWD)
The Evaporative Demand Drought Index (EDDI): an emerging drought-monitoring and early warning tool (**Michael Hobbins**)
EDqE: End-to-end Demonstrator for improved decision making in the water sector in Europe (**Christel Prudhomme**)
- 12:30 – 13:30 **Lunch Break (Mensa Pillnitz)**
- 13:30 – 13:45 *Drought monitoring in SE Europe* (**Gregor Gregoric**)
- 13:45 – 15:45 **Session 4: Address Workshop Goals 1 and 2:**
Goal 1: Develop a list of requirements from relevant sectors to identify and prioritize needs for observations, monitoring, data, impact assessments, and possible products to improve drought early warning systems.
Goal 2: Identify research that is needed to advance risk and vulnerability assessments, forecasting, and management of droughts focusing on key sectors including agriculture and water resources.
- 13:45 – 15:15 **Session 4a: Working Group on Goal 1¹**
 (Chair-4a: **Stephanie Hänsel**; Rapporteur-4a: **Gerhard v.d. Schrier**)
- 13:45 – 15:15 **Session 4b: Working Group on Goal 2²**
 (Chair-4b: **Christel Prudhomme**; Rapporteur-4b: **Taryn Finnessey**)
- 15:15 – 15:45 **Coffee Break**
- 15:45 – 17:15 **Session 5: Address Workshop Goals 3 and 4**
Goal 3: Identify ways to synthesize and coordinate drought monitoring capabilities towards a globally harmonized capability
Goal 4: Identify untapped sources of synergies in the current landscape of suppliers
- 15:45 – 17:15 **Session 5: Working Group on Goals 3 and 4**
 (Chair-5: **Andreas Becker**; Rapporteur-5: **Mark Svoboda**)
- 17:15 **End of Day 2**
(Time for Organisation Committee to consolidate results)

¹ M. Svoboda, M. Hobbins, S. Schubert, R. Pulwarty, W. Higgins, K. Stahl, L. Tallaksen, G.v.d. Schrier, J. Vogt, J. Vido, J. Pietro, P. Becker, M. Ziese, S. Hänsel, T. Pluntke, J. Franke (16).

² M. Hayes, T. Finnessey, S. McGrath, R.S. Webb, H.v. Lanen, A. Iglesias, C. Prudhomme, G. Gregoric, R. Maia, H. Carrao, C. Lavaysse, P. Smith, B. Stefanski, A. Becker, F. Böttcher, T. Tokarczyk, J. Matschulat, W. Sommer (18).

Day 3, Friday 18th November 2016, 9:00-12:30

08:30 – 09:15 **Session 3, 4 and 5 Wrap-up** (Rapporteurs 3a-c, 4a, 4b and 5)

Chair: **Ana Iglesias**

Resume capabilities and tools (One of Rapporteurs 3a-c)

Resume break out group findings (Rapporteurs 4a, 4b and 5)

Draft and Review Recommendations (All)

09:15 – 10:30 **Session 6: What's to be done now, mid-term, strategic?**

(Chair-6: **Henny von Lanen**; Rapporteur-6: **Bob Stefanski**)

Next steps to be taken

Brain Storming on Innovative actions

10:30 – 11:00 ***Coffee Break***

11:00 – 12:30 **Session 7: Inreach and Outreach**

(Facilitators: **Jürgen Vogt**, **Andreas Becker**, **Roger Pulwarty**,)

90' facilitated discussion among all participants

Spread the news

Plan feedback to GFCS

A joint paper?

12:30 **Adjourn Workshop**

Compilation of all Sessions' notes (**Stephanie Hänsel**)