

## Integrated Drought Management in Central and Eastern Europe

### ACTIVITY LIST

#### 1. BASIC INFORMATION

<u>Number of Activity:</u>	<b>Activity 1.3</b>
<u>Title of the activity:</u>	<b>Drought information exchange Platform</b>
<u>Duration of the activity:</u>	<b>June 2013 – December 2014</b>
<u>Activity leader:</u>	<b>Gregor Gregorič (SLO)</b>
<u>Chairman of the CWP:</u>	<b>Martina Zupan</b> (martina.zupan@siol.net)
<u>Description of the activity:</u>	
<p>Drought management platform (an information architecture and an intelligent infrastructure that enables exchange of data, relevant for drought analysis, as well as continuous automated sensing, monitoring, and decision support for drought risk management operations) is considered within the IDM CEE project. Existing and available infrastructure in broader region will be reviewed. First of all, the European Drought Observatory (EDO, developed by Joint Research Centre of the EC) and DMCSEE information services will be considered as environment where project results could be integrated. All countries that participate in IDM CEE project are also involved in (at least one of the) above mentioned platforms. Therefore it would be reasonable to explore possibilities to contribute to existing efforts to establish Drought Early Warning System and collect information on drought impacts. In addition, an analysis will be conducted to explore a possibility to establishing a new platform under WMO.</p> <p><b>Implementation guide</b> will define the most feasible platforms and will build on success stories (such as Helpdesk mirrored from WMO Associated Programme on Flood Management). The report will also identify links between drought management platform and existing databases of international organizations (UNECE, international RB commissions). Emphasis will be given on exchange of data, relevant for drought detection and monitoring. In agreement with participating institutions, a set of indicators will be compiled (both universal and national) that can be used for drought assessment.</p>	

## 2. CONTRIBUTING ORGANIZATIONS / EXPERTS

Primary goal of this activity is to enable countries to participate in exchange of data, relevant for detecting drought onset and analyzing its magnitude (please note that description of this task has been changed recently). Primarily the Standard Precipitation Index (SPI) will be considered for data exchange.

Partners are expected to:

- have access to relevant data (primary to meteorological measurements).
- have capacity to prepare digital maps of drought-related parameters according to technical specifications (to apply agreed geostatistical method and to prepare output in agreed format)
- have knowledge and expertise in national drought monitoring and are providing national institutions with relevant maps.

Country	Organization	Contact
Czech	Research Institute for Soil and Water Conservation in Prague	Ing. Hana Středová Ph.D. hana.pokladnikova@seznam.cz, tel.00420605520399
Hungary	- University of Debrecen, Centre for Agricultural and Applied Economic Sciences, Karcag Research Institute - Research Institute for fisheries, aquaculture and irrigation	- Dr. Czirák László - Dr. Dénes Gál, Csaba Bozán
Slovakia	Slovak Hydrometeorological Institute (SHMU)	Olga Majercakova
Poland	GWP Poland supported by Institute of Meteorology and Water Management	Dr. Dorota Pusłowska
Lithuania	- Vilnius university (G. Stankunavicius), - Dept. of Hydrology & Climatology, Institute of Forestry (within Lithuanian Research Centre for Agriculture and Forestry),	Vidas Stakenas - expert. Gintautas Stankunavicius
Slovenia	Slovenian Environmental Agency /DMCSEE	GREGOR GREGORIČ - Activity leader BO-MO; Luka Honzak

<b>Romania</b>	National Meteorological Administration,	Elena Mateescu
<b>Bulgaria</b>	National Scientific Coordination Center of Global Changes; GWP-Bulgaria,	prof. Vesselin Alexandro
<b>Ukraine</b>	UkrHydroMetCentr	Tatiana Adamenko
<b>Moldova</b>	Institute of Ecology and Geography	prof. Maria Nedea marianedea@yahoo.com

### 3. PLAN for IMPLEMENTATION of the activity

<b>Name of the output 1</b>	<b>Drought information exchange platform – implementation guide</b>
<b>Type of the output (analysis, report, guideline, workshop, brochure, etc.):</b>	Report
<b>Form (website, CD, printed, database, audio-visual, computer software, etc.):</b>	Printed, published on web page
<b>Purpose of the output:</b>	The platform implementation guide should provide partners (which are also contributors of data) with information on IT platform, its use and technical details.
<b>Structure and description (contents, requirements for use, chapters, etc.)</b>	<ul style="list-style-type: none"> <li>• Introduction and overview of existing platforms</li> <li>• Basic properties of proposed IDMP platform (contents, standards, requirements)</li> <li>• Technical specifications for contributors</li> <li>• Presentations for workshop</li> </ul>

<b>Name of the output 2</b>	<b>Drought information exchange platform – implementation report</b>
<b>Type of the output (analysis, report, guideline, workshop, brochure, etc.):</b>	Report
<b>Form (website, CD, printed, database, audio-visual, computer software, etc.):</b>	Printed, published on web page
<b>Purpose of the output:</b>	Overview of implementation of procedures for data exchange through platform.
<b>Structure and description (contents, requirements for use, chapters, etc.)</b>	<ul style="list-style-type: none"> <li>• Short description of platform</li> <li>• Report from contributing partners <ul style="list-style-type: none"> <li>○ Data sources (description of sources and treatment of data)</li> <li>○ Summary of contributed products</li> </ul> </li> </ul>

<b>Steps for implementation of the activity</b>	<b>Till when?</b>	<b>Who is responsible?</b>
First draft of implementation guide (introductory chapter, structure of the report)	November 2013	ARSO/DMCSEE (external consultant)
Final version of Implementation Guide and presentations for workshop	April 2014	ARSO/DMCSEE (external consultant)

<b>Steps for implementation of the activity</b>	<b>Till when?</b>	<b>Who is responsible?</b>
First draft of implementation report – list of available data sources and list of planned products to be included in the platform	September 2014	All partners
Final version of Implementation report	December 2014	All partners, report edited by ARSO/DMCSEE