

Integrated Drought Management Programme in Central and Eastern Europe

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Vision and mission

The Global Water Partnership's vision is for a **water secure world**

Its mission is to **support the sustainable development and management of water resources at all levels**



GWP Central and Eastern Europe

The GWP CEE region



Facts and figures

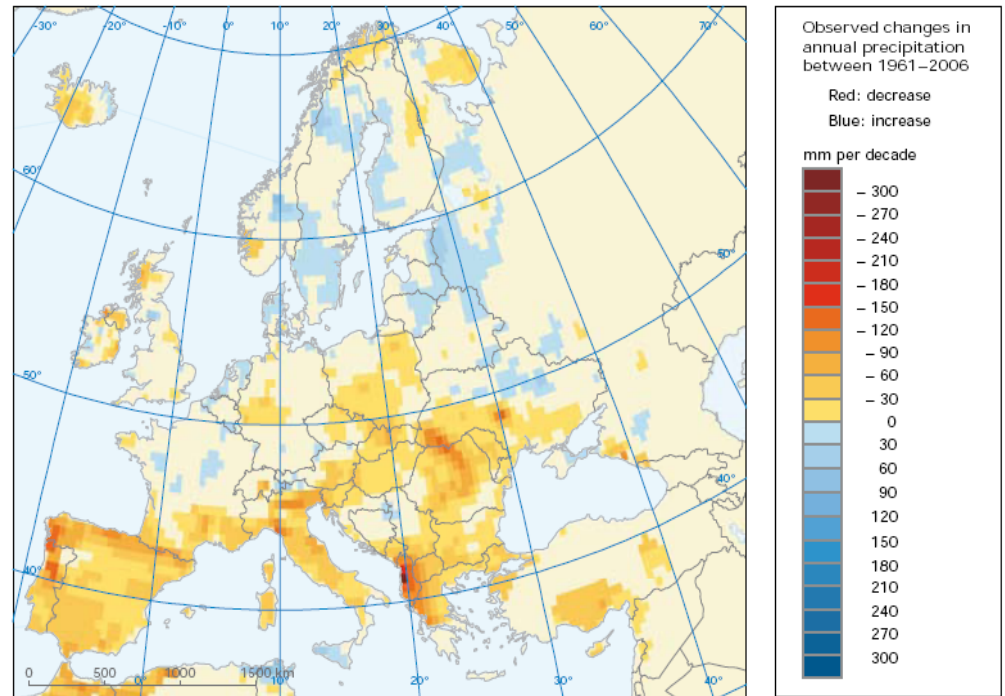
- Population of 152 million people, a quarter of all Europeans
- Total area of over 2.03 million km²
- 12 countries in **Baltic** and **Danube** regions
- **Baltic region:** Estonia, Latvia, Lithuania and Poland
- **Danube region:** Bulgaria, Hungary, the Czech Republic, Moldova, Romania, Slovakia, Slovenia and Ukraine
- Founded in 1998

Strategy 2009-2013

- Tool for facilitating implementation of IWRM principles in the context of European water policies
- **Four strategic goals** covering IWRM dialogues, Public Participation/PP, sustainable sanitation/SustSan, floods and droughts, communication and governance
- Involves **inter-regional cooperation** with the GWP Central Asia and Caucasus region
- Regularly **updated** with emerging issues such as climate adaptation

IDMP in Central and Eastern Europe

- Variability and change in precipitation
- Increased frequency of extreme weather events in the future
- Well developed meteorological and hydrological monitoring but not as a support for decision makers
- Limited sharing of information among countries



Note: Data are in mm per decade, blue means an increase, red a decrease. The observations indicate that large decadal scale variability in precipitation amount is superposed on the long time scale trends described above. This variability is partly related to the decadal scale variability in atmospheric circulation anomalies (see Box 5.1). Calculating trends over shorter time periods may therefore lead to different results.

Source: The climate dataset is from the EU-FP6 project ENSEMBLES (<http://www.ensembles-eu.org>) and the data providers in the ECA&D project (<http://eca.knmi.nl>).



Global context

Joint Initiative

- World Meteorological Organization (WMO)
- Global Water Partnership (GWP)

Operations

- Technical Support Unit (TSU) embedded in the WMO Climate Prediction and Adaptation Branch
- Support Based Partners
- Launched March 2013 at the High Level Meeting on National Drought Policies in Geneva

Challenges ...



- Assist countries to **improve national drought monitoring and management policies**
- **Raise awareness** about severe drought conditions through efficient dissemination mechanisms
- Join already existing **drought platforms for exchanging drought data**
- **Demonstrating concrete measures** that can be later used in drought management policies
- **Share knowledge and best practices**

What have we done till now?

Inception phase

- ✓ Task Force
- ✓ Inception report & regional workshop (Oct 2012)

Preparation of a regional programme proposal

- ✓ More than 40 organizations
- ✓ Official start in February 2013

Implementation phase

- ✓ Partnership
- ✓ Budget
- ✓ Workplan

Partners

10 countries

•Bulgaria, Czech Republic, Hungary, Lithuania, Moldova, Poland, Romania, Slovakia, Slovenia, Ukraine

Over 40 organizations

- Universities
- Hydro-meteo services
- Research institutes
- Ministries & state agencies
- River basins directorates
- Regional centres DMCSEE

Structure and outputs

Regional activities

- review of the current situation
- guidelines for preparation of the DMP
- national consultation dialogues
- drought information exchange platform

- ✓ Regional & trans-boundary connection
- ✓ Involvement of 10 countries (different sectors)
- ✓ Bottom-up approach (national consultation dialogues, workshops)
- ✓ Important role of Country Water Partnerships coordinators of the national experts team

Structure and outputs

Demonstration projects

- Increase of soil water holding capacity
- Assessment of drought impact on forest ecosystems
- Natural small water retention measures
- Drought risk management scheme
- Use remote sensing agricultural drought monitoring methods
- Upgrade agriculture drought monitoring and forecasting

Concrete demonstration of measures that can be later used in drought management policies

**Good
practice
compendium**







Structure and outputs

Capacity building & knowledge exchange

- 4 Workshops
- 2 Capacity building trainings
- Compendium of good practices
- Dissemination activities (policy brief, articles, web information, etc.)
- Improving fundraising capacity of countries and the region

- ✓ **Workshops** development of the guidelines for drought management plans (2.1) and coordination of the regional activities under WP1 & WP2
- ✓ **Capacity building trainings** for key actors from different sectors to build capacity for integrated drought management (cooperation with WMO, CapNet, etc.)

Resources

GWP Central and Eastern Europe www.gwpcee.org

Integrated Drought Management Programme

<http://www.wmo.int/pages/prog/wcp/drought/idmp/>

Global Water Partnership www.gwp.org

GWP ToolBox www.gwptoolbox.org

How to become a partner? www.gwp.org/en/Get-involved/Become-a-Partner/Apply-Now/

Social media

Facebook: <http://www.facebook.com/gwpcee>

Flickr: www.flickr.com/gwpcee

Twitter: www.twitter.com/GWPCEE

Slideshare:

www.slideshare.net/gwpceewaterpartnership

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A top-down photograph of parched, brown soil. The ground is covered in a network of deep, irregular cracks that form a mosaic of polygonal shapes. A single, vibrant green plant with several long, narrow leaves grows out of a crack in the upper right quadrant. The overall scene conveys a sense of drought and environmental hardship.

Thank you for your attention