




Drought Monitoring and Assessment from WMO's Perspective



WMO facilitates in improving the understanding of weather, climate and water, and the application of information for the protection of life and property, socio-economic development, environmental protection and related policy formulation.

WMO provides a mechanism for the timely, comprehensive exchange and availability of relevant data and sophisticated products.

WMO coordinates the activities of the National Meteorological and Hydrological Services of its 189 Members.

WMO and Drought/Desertification

- In 1970s and 1980s, WMO and UNDP helped establish:
 - AGRHYMET (Niamey, Niger)
 - Drought Monitoring Center (Harare, Zimbabwe)
 - Drought Monitoring Center (Nairobi, Kenya)
- In 1993, WMO and Economic Commission for Africa sponsored establishment of African Centre of Meteorological Applications for Development (ACMAD) in Niger.
- World Hydrological Cycle Observing System (WHYCOS) improves understanding of the status of water resources at a global scale

Drought Management Centre for Southeastern Europe (DMCSEE)

- UNCCD organized in cooperation with WMO two technical Workshops.
- Solicited proposals from countries to host centre with equal participation from:
 - National Meteorological Services
 - UNCCD Focal Points
 - Drought Researchers
- September 2006, Meeting at WMO HQ in Geneva with diplomatic representatives who voted on proposals from Hungary, Romania, Slovenia, and Turkey.
- **Slovenia was selected to host centre.**

Future WMO Projects and Activities

- **Organize Expert Team Meeting on Standardization of Drought Indices**
- **Assessment of Natural Disasters Impacts in Agriculture (ANADIA) Project will develop country-level projects on Drought**
- **Address UNCCD COP-8 on Climate and Land Degradation Workshop**
- **Development of the WMO International Sand and Dust Warning System**
- **Project on Drought Management in Eastern Africa and Southeastern Europe**

Drought Brochure

- Drought as a Hazard
- Types of Drought
- Challenges of Drought Monitoring and Early Warning
 - Integrated Drought Monitoring
- Drought Case Studies
 - China
 - ICPAC – East Africa
 - South Africa
 - Portugal
 - Australia

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