



World Meteorological Organization
Working together in weather, climate and water

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Statements of Group 1

Technical level 1

- A lot going on at the technical level
- Programs/projects of modernization of hydrological monitoring network and for data dissemination
- Cross border integration/compatilization of data/intecomparative studies for data collection
- New instruments and methods of measurement is under implementation
- Joining the works of hydrological activities between different stakeholders of data collection

Technical level 2

- Long series of historical data and ability for integrating different data for modeling
- Free data policy is more under going process
- Good hydrological forecasting at different leg time
- River basin commissions is providing data collection from the national level and give harmonized inputs back for the national level, integrating information and methodologies

Social-economical

- Better understanding of the social- economical water resources purposes and demands
- CC impact adaptation program on water
- Activities for reducing costs by integrated networks
- Connection with Disaster Management Services/actors/stakeholders
- Experts exchange program between NHS, passing good experinece
- On line tools for warnings and saving goods and

Strategies

- Integrating monitoring networks
- Clear objectives and good definition of importance of the activities
- Better integration of the HS reaching activities of the national Strategies for flood and drought risk management
- Defining activities for European policy implementation
- Integrated systems for flood monitoring and forecasting/warnings at the international rivers

Gaps and needs 1

- Financial and policy support
- Dedicated and skilled staff
- Continuously training and increasing capacity of personnel to get different skills for modern tools
- Lack of coordination between fragmentation of the system
- Lack of procedure for data exchange – harmonization of data collection and communication Guidelines

Gaps and needs 2

- Communication rules for data exchange at different decision levels
- Guidelines for standards for network design
- Needs for automatization for data processing and storages
- Data check automate procedure
- Remote sensing and spatial data use, creating capacity for this
- Open standard for geodatabase
- Data needs policy at the national level/ international basins
- Standard in metadata description

Role of the Forum-1

- Enhance the **Networking** between countries for operational hydrology
- Awareness (**political backing**) of HS activity and of the hydrological data
- Enhancing awareness for HS by inviting important experts at the European level and deciders, policy representatives
- Collaboration with the political level; Integration of the activity of the HS for implementing the national and European policy for environment protection
- **Data needs policy** on the high level (EC, WMO, UN, UNESCO, UNDC etc.)

Role of the Forum-2

- Providing opportunity for countries to have compatible results and harmonization of the methodology
- Analysis of the models performance and domain of application
- Discussing the new capacities for spatial data collection and integrated platforms for hydrological data collection
- Overview of hydrological activity, state of art of each HS

Role of the Forum-3

- Forum should be based on meetings each year will be organized by HS on their offers
- An Internet Forum will assure continuity of the discussions and will link faces and institutions