Water Observation and Information System for Balkan Countries

by Marc Morell, morell@ird.fr

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Initial Partners

MED-HYCOS network

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Description of work

Specific problems to be faced

- Impacts of climate and environment changes on water resources space-time variability
- Pollution of rivers and aquatic ecosystems and preservation of the biodiversity
- Transboundary shared waters

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Hydrology, Climatology, Hydrobiology, Ecology, Socio-economy…

1 - Climate and Environment
2 - Hydrological regimes and water balances
3 - Droughts and Floods
4 - Integrated Water Resources Management
5 - Water bodies protection and Ecohydrology
6 - Lakes
7 - Hydrological modelling
8 - Information systems for decision support

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Diversity of Aquatic Ecosystems In Balkans
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CONFERENCE

ON WATER OBSERVATION AND INFORMATION SYSTEM FOR DECISION SUPPORT

25-29 May 2004  Ohrid, Republic of Macedonia
Water Framework Directive In Macedonian Water Law

Stanislava Dodeva
PVME “Water Management of Macedonia”
Skopje, Republic of Macedonia

Biljana Puleiska
Project “Strengthening of the capacity of the Ministry of Environment and Physical Planning, Skopje, Republic of Macedonia

Abstract
This paper presents the harmonization of the Macedonian legislation in water sector with the Water Framework Directive (WFD) and other European water related directives. New version of Water Law has been drafted in order to transpose requirements from the relevant water management Directives. Currently, the Draft Law on Waters is in Parliamentary procedure (first reading). This paper focuses, basically on the EU WFD 2000/60 and its requirements regarding an integrated water resources management, especially in the context of the planning process, monitoring of the water bodies and water intended for use as well as the protection of waters from pollution. According to the Draft Law, there shall be River Basin Management Body, established for each river basin, as a main responsible body for integrated management of a river basin district. This paper also deals with the expected problems during the implementation of the new Water Draft Law, actually during the implementation of WFD

Keywords: WFD, Draft Law on Water, Integrated Management, Planning, Monitoring, Protection

Introduction
One of the basic reasons for drafting of new legislation in the area of water management was the lack of integrated approach in the national regulatory system as well as the lack of de facto integrated water resources management on the territory of the Republic of Macedonia. Also, the competences as
WebMap Application
### Station: BEZDAN

#### Streamflow Discharge - Daily

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Min. 1710  1670  2990  2940  3260  3150  2620  1960  1540  1440  1340  1540

Avg. 2026  2351  4246  3130  4275  4121  3421  2214  1955  1787  1586  1943

Max. 2480  4640  5399  3420  5746  5760  4300  3300  2680  2090  1920  2290

#### Time Series

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#### Object Contents:

- **Object Information**
- **Time Series**
  - Variables
    - Streamflow Discharge
  - Aggregations
- **Table Series**
- **Media-Data**
- **Attachments**
The group: Small islands – integrated water management, short time precipitation.

Meteorological and Hydrological Service of Croatia

Janja Milković
Hydrometeorological data
Water Bodies Modelling
Maps - Satellite images - GIS - DME

Albania
Macedonia (FYROM)
Greece

Bibliography

Hydrometeorological data Bibliography
Maps - Satellite images - GIS - DME

Water Bodies Modelling
Conclusion

Water Observation and Information System

Conferences / Workshops

Research / Development Projects

Cooperation platform

- to promote best practices in IWRM and DSS
- to shorten links researchers / end-users
- to improve the networking of partners at European & global levels

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Thanks for your attention …

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