

Division of Hydrology and Hydrogeology

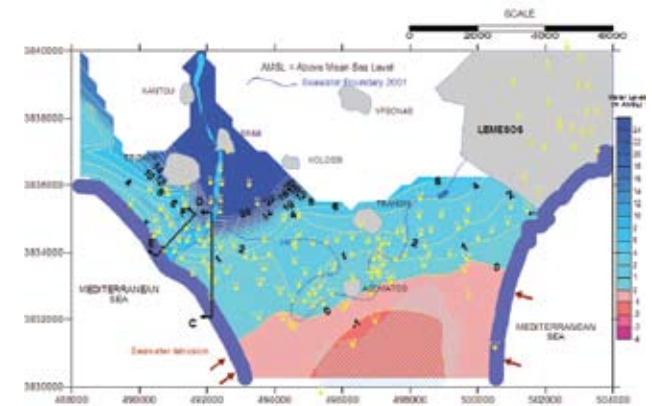
Hydrologic and Hydrogeologic studies and research aiming at the sustainable management of the island's water resources



Division of Hydrology and Hydrogeology:

- Advises the management of WDD on issues regarding water resources assessment and management in Cyprus.
- Informs the director of the WDD about the results and the consequences that different water management scenarios have on the water bodies and wetlands of Cyprus.
- Contributes to the preparation of an integrated programme for rational and sustainable water resources management.
- Is responsible for the systematic study of all surface and ground water body systems in Cyprus.
- Prepares water balances for surface and ground water systems of Cyprus and calculates the available water quantities in relation to the demand.
- Is responsible for the preparation of simulation models that are used for evaluation and optimization of water management scenarios.
- Examines, consults and contributes in the development of measures for the protection of water bodies from pollution and overexploitation.
- Prepares flood studies for the protection of private and public property.
- Prepares hydrological studies to overcome water scarcity problems.
- Participates in water management research programmes.
- Handles Cyprus' obligations to the European Union in matters concerning the rational and sustainable management of water resources.

Akrotiri Aquifer



Groundwater level contour map



Catastrophic results of flood (Pedieos River, Lakatamia, Lefkosia)

WDD
TAY
WATER DEVELOPMENT DEPARTMENT
www.moa.gov.cy/wdd



River Basins of Cyprus



rational and sustainable **management** of water resources **ensures** water adequacy

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