

Greece



The island of Paros

The island of Paros is one of the islands of the Cycladic complex in the Aegean Sea, with an area of 196 km² and a population of 12,800 permanent residents. The main water stress issue is the **peak in demand during the summer months**, due to the high tourist influx onto the island. The existing infrastructure is under pressure during the period and is often insufficient to cover demand at peak times, leading to **temporary shortages** that in return are damaging **tourism**.

The whole decision-making process described below was supported by the DSS Water-Strategy-Man.

The **actors** concerned and involved were: Municipality of Paros, Municipal Office of Water Supply and Sewerage of Paros, the Union of Agricultural Associations and the Union of Room Owners. A variety of data and estimations have been collected and a **series of consultation and awareness meetings** were organised with these selected stakeholder: opinions, wishes and expectations were discussed during these meetings. The **available data were also reviewed** during these meetings, as stakeholders can be excellent sources of data on their field of interest.

The stakeholders proposed **several alternatives** to water resources management that were used during the strategy formulation according to three scenarios. The Strategy developed resulted from the synthesis of the **current responses** regarding water management, the responses proposed by the stakeholders and the requirements of the **Water Framework Directive** that can be implemented in this specific area. This Strategy was then evaluated through a series of **indices and indicators** describing the actual range of the activities applicable to the island.

Keywords: Coastal area, WFD, Public participation

Further readings: See the NOSTRUM-DSS Greek National Report, available at <http://www.nostrum-dss.eu> Home » Final products » Case studies Leaflets

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The best available solution was then selected taking into account the results the public participation exercise.

DSS tools and approaches in Greece

DSS models for water management in Greece have been developed to serve the purposes of the Water Framework Directive and will play important role in its implementation in the country. Among others, a few can be quoted, for instance,:

- the DSS for Integrated Water Resource Management in Crete aims to evaluate projects considering the scenarios development;
- the EYDAP SA-DSS has been widely used by the public company of Supply and Sewerage to develop a water management plan for Athens;
- the WEAP-DSS, was developed for 8 islands of the Cyclades but has not been applied yet due to its complexity and the lack of expertise in the field.

