



Water Resources Evaluation
and Management



Water Engineering and
Feasibility Studies

Environmental Consultancy and
Pollution Control Measures,
Planning of Monitoring Water
Systems



Planning & Development



Training and Education

EnviroTech
ΤΕΧΝΟΛΟΓΙΕΣ ΠΕΡΙΒΑΛΛΟΝΤΟΣ

About us

ENVIROTECH is a consulting office located in Athens, Greece. Since 1990 we have been providing both government authorities and companies from the private sector with advice and technical support on rational water management and environmental protection issues.

The development of technological and operational methods for the obtaining of this purpose raises the demand for a specialized team of experts in:

- Integrated Design and Environmental Impact Assessment of water infrastructure.
- Financial Evaluation of investments related to water resources on local or national level.
- Water Resources Management and Quality / Quantity Evaluation of surface and groundwater resources.

Our experts are engineers, hydrologists, hydrogeologists, computer modelers, environmental scientists and EU regulations specialists. This uniquely wide range of specialist activity is well placed to serve the technical requirements of an expanding water industry and developing environmental business.

Services

ENVIROTECH undertakes water and environmental protection projects and provides state-of-the-art knowledge in the fields of:

- ◆ Water Resources Evaluation and Management.
- ◆ Water Engineering and Feasibility Studies.
- ◆ Environmental Consultancy and Pollution Control Measures,
Planning of monitoring water systems.
- ◆ Planning & Development.
- ◆ Training and Education.

Due to the international co-operations, the experience and the continuously updated technology in all water-related scientific areas, we can provide high level services in the above areas.

ENVIROTECH also welcomes joint ventures with other companies where the complementary skills of both parties can be combined to mutual benefit.

Water Resources Evaluation and Management

Water has an important role both in nature conservation and development. Any changes to the natural hydrological regime will affect the terrestrial and/or aquatic environment.

Analysis to support sustainable development of water resources has a simple aim: to provide information to decision-makers so as they enable a better selection from alternative measures.

Services offered include:

- Site investigation.
- Mapping.
- Hydrological and Hydrogeological Studies.
- Design Criteria and Framework.
- Computer Modeling.
- Policy Development and evaluation planning alternatives.
- Training and Education.

ENVIROTECH based on recent and ongoing experiences in water resources management studies supports water professionals to analyze problems and to assess the effectiveness of proposed solutions.

Water Engineering and Feasibility Studies

The growth of the population in addition to the increasing demand for water resources has led to the need for their highest protection and most rational management. Structures related to water resources usually demand a large capital investment. For this reasons technoeconomical analysis and potential optimization should be the very first purposes of a study.

ENVIROTECH has total capability in projects related to hydraulics of structures and optimization of water supply systems, stormwater and wastewater systems, water and wastewater treatment plants, flood control and irrigation networks.

Services offered include:

- Evaluation of socio-economic and institutional aspects
- Mathematical modeling and network analysis.
- Setting of water structures specifications.

Environmental Consultancy and Pollution Control Measures, Planning of Monitoring Water Systems

Environmental Impact Analysis is required for prescribed developments in accordance with EU Directives to characterize existing site conditions and to predict the likely impact of a planned environment.

We can assemble integrated teams to undertake complete, or aspects, of Environmental Impact Assessment on behalf of the public or private sector, from data collection through to the submission and implementation of the recovery measures.

Services offered include:

- Monitoring Programmes and Analysis.
- Scientific surveys and Sampling.
- Design and Implementation of database systems.
- Evaluation of pollution control measures.
- Setting of hedging rules for water infrastructure.

ENVIROTECH can undertake full range of activities related to Flow Control and Measurement Programmes for natural and artificial water networks, Risk assessment from water pollution and computer modeling.

Planning & Development

Technical assistance for the preparation of all necessary studies/documents for the planning and development of a new investment

In collaboration with experts and scientists, we are able to ensure the promotion of an investment with high sustainability standards at any stage, from data evaluation to the implementation of recovery measures proposed.

Projects of significant private investments are checked for potential environmental impacts to be compatible with:

International Conventions and European Legislation, and

Restrictions from thematic strategies (nature protection and biodiversity, good status of marine and inland waters, air pollution, urban planning).

We contribute to the successful design of an investment, with specialized personnel in the fields of:

- Feasibility stage and particularly in exploring the advantages /disadvantages (SWOT documentation analysis) through comparative data collection and assessment of the wider region (eg. evaluation of environmental and physiographic data, environmental legislation requirements etc.).
- Preparation and submission of Environmental Impact Studies.
- Design of Water Networks, Irrigation, Water and Wastewater Treatment plants.
- Road Network and service/access roads etc.
- Detailed study and supervision of the above works.

Training

ENVIROTECH can fully organize educational / training programmes for high level staff and water professionals in public or private sector contributing to the dissemination of state-of-the-art technology especially in:

- Methodologies in integrated water resources management.
- Analysis of decision making.
- Computational frameworks and software packages.

Selected Training Programmes we participated in are the following:

- ◆ Seminar on Water Resources Management (Ministry of Industry, 1991).
- ◆ Seminars on Water Resources Management and Leak Detection Methods (Greek Society of Civil Engineers, 1993).
- ◆ Seminars on Water Resources Management (European Commission for Water Resources Management - Greek Section, 1993).
- ◆ Design and Development of a Water Resources Management Model (Programme Life, Municipal Enterprise for Water Supply & Sewage of Ioannina, Greece, 1997).
- ◆ Methodology and software tools for "Integrated Water resources Management for Samos, Ikaria and Fournoi islands" (INTERREG Programme, 2001)
- ◆ Conferences "Consultation on the River Basin Management Plans" of Ministry of Environment & Sustainable Development (2012).
- ◆ Conferences for Consultation of the project "Flood Risk Management Plans of the Water Districts of Western and Central Macedonia" (2015-2017).

Selected Projects

- Small Fishing Port at Karavostamon, Ikaria island, Greece (1991).
- Port at Sami, Kefallonia island, Greece (1991).
- Small Storage Reservoir at Karavostamon, Ikaria island, Greece (1994).
- Waste water Network and Treatment Plan at Municipality of Anemona, Hios island, Greece (1994).
- Water Supply Network for Northern part of Ithaki island, Greece (1994).
- Water Distribution Network at Stavros, Ithaki island, Greece (1995).
- Feasibility studies and Evaluation for introduction of environmentally friendly investments in industry (1995).
- Water Distribution Network at Kioni, Ithaki island, Greece (1996).
- Hydrological Study for Egio-Patra region, Greece (1996).
- Hydrological Study for Balabanis stream, Greece (1997).
- Design and Development of a Water Resources Management Model (Programme Life, 1996 - 1997, Ref.:LIFE94 ENV/GR/001563).
- Feasibility study for Solid Waste Collection and Disposal system at Northern Ikaria area (1997).
- Environmental Impact Assessment and Recovery Measures for Water Supply and Irrigation Networks from Pezi dam (1997).
- Feasibility study for Water Supply and Irrigation Networks from Pezi dam (1998).
- Environmental Impact Assessment and Recovery Measures for Fishing Port at Karavostamon, Ikaria island, Greece (1998).
- Water Supply and Irrigation Networks from Pezi dam (1997-2002).
- Water Treatment Plant at Pezi dam (2000).
- Reservoirs and Water Supply Network at Evdilos, Ikaria island, Greece (2000-2004).
- Technical Consultant of Samos Prefecture for the project "Integrated Water resources Management for Samos, Ikaria and Fournoi islands" (INTERREG Programme, 2000-2001).
- Waste water Network and Treatment Plant at Gialiskari (2000-2005).
- Waste water Network at Kastania (2000-2004).

- Water Supply and Irrigation Networks of TOEB at Hora, Samos (2005).
- Rehabilitation and afteruse of the uncontrolled dumpsite Halikias, Ikaria island (2005).
- Road sections of the Road Kalamata-Kardamyli, Messinia, Peloponnissos Region (Section: Kalamata-Sotirianika). Environmental Impact Study, 2009.
- Waste water Network and Treatment Plant for Municipality of Ikaria at Evdilos region, 2010.
- Water Framework Directive Implementation in Greece (60/2000/EC), 2011-2012.
- Water Supply Network for Municipality of Ikaria at Karavostamon region, 2013.
- Hydraulic design for Kossikia – Koskinas road, Ikaria, 2014.
- Vehicular bridge in Al Waseel Hills, Riyadh (I. Lepidas – I. Spinassas), 2015.
- Hydraulic design for the highway connecting the city of Rhodes with the Airport, (2016).
- Implementation of the EU Floods Directive in Greece (2007/60/EC), 2015-2019.

Contact us

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