

Flood Control and Training Works for the Xirias River, Prefecture of Korinthia

PROJECT TITLE

Flood Control and Training Works for the Xirias River, Prefecture of Korinthia

LOCATION

Korinthos Prefecture, Peloponessos, Greece

CLIENT

Ministry for the Environment, Planning and Public Works

DESCRIPTION

Consultant to the Ministry for the Environment, Planning and Public Works for **project management** and **construction supervision** of flood control and training works for the Xirias river (Prefecture of Corinthia). The project was **initiated** following **recent flood damage in the area** and will be **financed by the EU Cohesion Fund**. It includes the following components:

- **Reconstruction and extension of the river** existing cross section for a length of 1250m within the city of Corinth. Works within the city area also include the **reconstruction of the main sea outfall, three road bridges** and **one train bridge**.
- **A 900m long auxilliary channel and sea outfall**, together with a side weir allowing excess flows from the main river section into the auxilliary channel.
- **River training works** using gabions for a total length of about 8km, upstream of the city of Corinth, **including a debris flow control structure**.
- **Construction of two new road bridges upstream of the city of Corinth**, in replacement of existing structures whose span was found to be inadequate.

Services Provided:

- **Consultancy** to the Hellenic Ministry for the Environment, Planning and Public Works.
- **Supervision** of construction.
- **Assessment of contractor's claims and proposals**.
- **Review** of existing designs and **preparation** of new **designs** where necessary.
- Compilation of regular **reports** to the **EU Cohesion Fund**.