

SALZACH - NATURAL RIVER CONCEPT IN THE FREILASSING BASIN

Client:

Salzburg State Government

Country:

Austria | Salzburg

Duration:

from May 2015 to December 2015

Services:

General project
Hydraulic modelling (2D)
Design of flood protection measures
Design of river renaturation measures

Project objectives

This project aims to implement the concept of a nature park "Naturpark Salzachauen", as presented by the "Haus der Natur - Nature Museum".

Project description

Within the framework of maximum space availability, a significantly larger development space is aimed for in contrast to earlier concepts. The aim of the project is the restoration of a water body condition that conforms to the overall concept

Project data

Project length: app. 4 km

Project area: app. 50 ha

MQ = 240 m³/s

HQ100 = 3100 m³/s

Project specifics

The project planning was an interdisciplinary process of hydraulic engineering / morphology and ecology. As a natural flow concept, hydraulic engineering and morphology on the one hand focuses on spatial development and river bed stability, while at the same time planning must take account of use/interests/rights and compensation of hazards.

Services

General Project

Hydraulic Engineering/River Engineering, Solids, Morphology and Water Protection

Planning/project planning; 2D hydraulics, solids and morphology

Cost estimation

