

Typology 2: hydraulic structures

Structures for the capture, transport and storage of water and the drainage of waste water.

Water is essential to life. This is an obvious concept, which must be considered in the study and understanding of settlements and more generally in the history of Man, in all his manifestations. There are many water utilisation methods, depending on whether water takes the form of water vapour, liquid or is in its solid form i.e. ice. Such methods are determined by:

- the nature of the location;
- the type of settlement;
- applied knowledge (in function or in subordination of the different variations);
- availability of funds;
- subsequent progression, adaptation or involution of the method applied.

On the basis of the available funds and technology for the supply of water, different types of structures were created both on the surface and underground. Taking the differences between the various types of structure into account and without being tied to examples and concepts not destined for use, hydraulic works were divided into four sub-groups:

- water capture and transport;
- vertical capture;
- storage;
- discharge.