

## **RIUSO DELLA PERSISTENZA A RUDERE DEL FORTE DI VALLEDRANE A TREVISO BRESCIANO**

OLIVIA LONGO, DAVIDE SIGURTÀ

Università degli Studi di Brescia / Dipartimento di Ingegneria Civile Architettura Territorio Ambiente e di Matematica (DICATAM)

E-mail: olivia.longo@unibs.it - davide.sigurta@unibs.it

### **Reuse of the persistence to ruin of the Fort of Valledrane in Treviso Bresciano**

The project that will be presented is part of a wider experience aimed at enhancing the Fort of Valledrane in the Municipality of Treviso Bresciano (BS).

The study of the Valledrane area is part of an articulated research project, started in 2013 with the aim of configuring many ideas and reflections concerning the diffusion of memories related to the ruins and to the military structures built before and during the Great War located near the front lines, between the Stelvio pass and lake Garda.

The Valledrane Fort is currently a ruin but is better preserved than similar building types in the neighboring area. In the lower part to the east of the Fort the terminal part that overlooks the green square has collapsed due to structural problems; the inside of the building presents collapses caused by the action of “recuperanti”: these people, at the end of the First World War, demolished the surviving buildings in order to recover the iron stored inside their structures because this metal was very rare and precious.

Our project does not want to change the ruin aspect of the Valledrane Fort and for this reason our idea is to add a new structure to the existing building without making changes to its conformation.

All this is necessary to leave the Fort a ruin while allowing its reuse as a museum of the Great War in the area allowing at the same time the recovery of a building of very large size and with probably unresolvable degradation phenomena.

The structure that we want to add is formed with individual elements in steel that can be assembled together indefinitely, in this way we could adapt to any conformation, degradation, slope, width, etc. We will build a covered passage formed by a modular tubular frame with a structural function closed by modular panels hooked up with quick “lock-unlock” system. The infill panels will be used to protect visitors from falling material and water infiltration and since they are easy to move, they can adapt to changes in the deterioration of the Fort.

This solution will also make it possible to meet the exhibition requirements because it will be possible to create some “windows” overlooking out on interesting elements of the structure, of the material, of the history, of the degradation and of any exposures that will take place inside the Fort.

**Keywords:** *Reuse, Ruin, Military, War, Fort, Landscape, Design, Adaptive.*