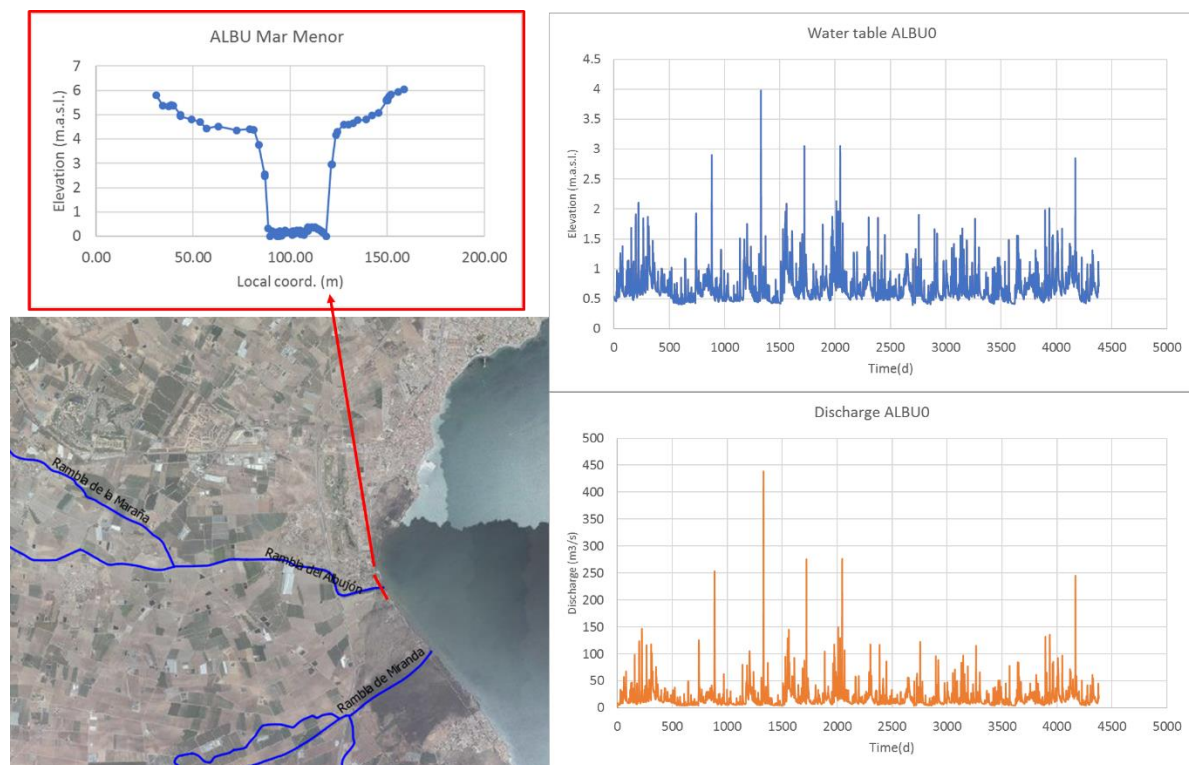


## *Flood routing at Rambla del Albuñón (Murcia; Spain)*

**Client:** Own development

**Keywords:** Flood routing; prevention; sediment transport



**Summary:** Flood routing is a procedure to determine the time and magnitude of flow (i.e., the flow hydrograph) at a point on a watercourse from known or assumed hydrographs at one or more points upstream. The software BASEMENT (ETHZ) has been used to model a hypothetical flood at the Rambla del Albuñón, in Spain. Scenario analysis was carried out, including the implementation of mitigation measures (e.g., river widening) and different inlet hydrographs.