Proposal Acronym	VRULJA
Proposal Title:	Characterization of the dynamic of a submerged spring in an anchialine cave from Krka Estuary in order to study the evolution of the seawater intrusion of the freshwater aquifer
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Research area:	Environment and geosciences ENV
Sub-discipline of research area:	Earth System Sciences: Hydrology-water and soil polution
Category of research:	basic
Keywords:	Anchialine cave, submerged spring, vrulja, karst, hydrology, coastal aquifer, seawater intrusion, heat, tracer, sea level rise
Abstract:	This project will survey the dynamic of a particular coastal karst aquifer in Krka Estuary to understand the dynamic of the brackish-freshwater interface. A coastal submerged cave springing freshwaters from the karst aquifer into the estuary (vrulja) will be used to monitor the aquifer. The potential of heat as a tracer of the coastal groundwater dynamic will be explored. The project will model the current dynamic and the evolution of the seawater intrusion related to predicted sea level rise.
Does this proposal possess any of the sensitive ethical issues detailed in ethical issues table?:	No