



## **The Longest and the Deepest caves in Croatian Karst**

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In almost 30 years of collecting and sorting the speleological data, with the help of the computer technique, we managed to make the cadastre of the Croatian speleological objects that includes more than 10550 caves and pits. It is important to say that this cadastre does not contain all the speleological and karst phenomena, but only the speleological features - caves and pits according to the internationally recognized classifications namely, in some speleological cadastres we can find bigger doline, the bigger fissures in the rocks, natural bridges, all the karst springs, under sea springs, and some where even the artificial speleological objects (tunnels, catacombs, old mines, etc.). The rule of this cadastre is that only treated objects are those in which can be physically entered, in which diving's were done, and not those that are supposed to be connected with some speleological feature, with not enough evidence for that conclusion. Other objects must be added according to the degree of exploring (for example, springs and sinkholes, but only dived through and classified in speleological objects, dolines only when are digged down the connection with some real speleological object, fissures enough widened for entering, etc.). According to geological and hydrogeological characteristics, it can be presumed that there are at least 30000 speleological objects in Croatia, most of them unknown and not explored yet. There is a list of 49 deepest (deeper than -250 meters) and 52 longest (longer than 1000 meters) caves in Croatia.