

ABSTRACT  
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## **Collapse Dolines and Passages of Postojnska Jama Cave System**

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The surface above the longest Slovene karst cave Postojnska Jama Cave System (20 km) is characterized by numerous dolines and collapse dolines. We have 17 collapse dolines in the area of 2,55 km<sup>2</sup>. They vary in depth, shape and size. Some have steep slopes where collapse blocks look fresh others are relics of former collapse dolines with gentle slopes. The deepest collapse doline is basically the entrance shaft to Pivka Jama Cave (77 m), the biggest collapse doline is Vodni dol (600x240x60 m). Most of collapse dolines is situated near the crest of Postojna anticline, on it's northern flank. Development and especially deepening of collapse dolines like Velika and Mala Jeršanova doline, Vodni dol and Kozja Jama has a genetic connection with the lowering of Postojnska Jama Cave System active water passage into SW and NW passages due to the regional tectonic uplifting.