



Eurokarst 2022 - The European Conference on Karst Hydrogeology and Carbonate Reservoirs

22-25 Jun 2022
University of Malaga
Europe/Madrid timezone

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 - eurokarst2022@uma.es
 - +34 951 952 952

Eurokarst is the European bi-annual conference on the Hydrogeology of Karst and Carbonate Reservoirs.

Due to the COVID pandemics, the organisation of the **next Eurokarst had to be postponed**. It will be held in **Malaga, June 22-25, 2022**.

Eurokarst offers a platform for professional exchange between field practitioners and academic researchers. Eurokarst is organized usually every two years by the Universities of *Neuchâtel* (Switzerland), *Besançon* (France), and *Málaga* (Spain).

Starts 22 Jun 2022, 00:00
Ends 25 Jun 2022, 23:59
Europe/Madrid

University of Malaga
Aula Magna
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My Contributions

Morphometric comparison of dolines in three karst landscapes developed on different lithologies

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Morphometric comparison of dolines in three karst landscapes developed on different lithologies



📅 22 Jun 2022, 10:40
⌚ 50m
📍 Main Hall (Venue)

Poster

📖 Topic 1 - Karst Geo...

☕ Coffee break and post...

Speakers

- 👤 Jose Manuel Gil-Márquez (Universidad de Mál...
- 👤 Matías Mudarra

Description

The present contribution compares the geomorphological characteristics of dolines developed in three different geological contexts in southern Spain: an evaporite tectonic melange, a bare-carbonate massif, and an outcrop of interstratified sedimentary gypsum sequence. In the three cases, the closed depressions have been identified and mapped using digital elevation models with a spatial resolution of 5 m, and the results were validated in the field. To reveal similitudes and differences due to distinctive geological and climatological settings between the three sites, morphometric and spatial analyses were applied to the threes sites: size-distributions, relationships between area and depth, preferential directions, and point field analysis, among others. The results show apparent differences between the carbonate and the two evaporitic

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Primary authors

- 👤 Eulogio Pardo-Igúzquiza (Instituto Geológico ...)
- 👤 Jose Manuel Gil-Márquez (Universidad de Mál...)
- 👤 Matías Mudarra
- 👤 Juan Jose Durán Valsero (IGME)
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📎 Presentation materials

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