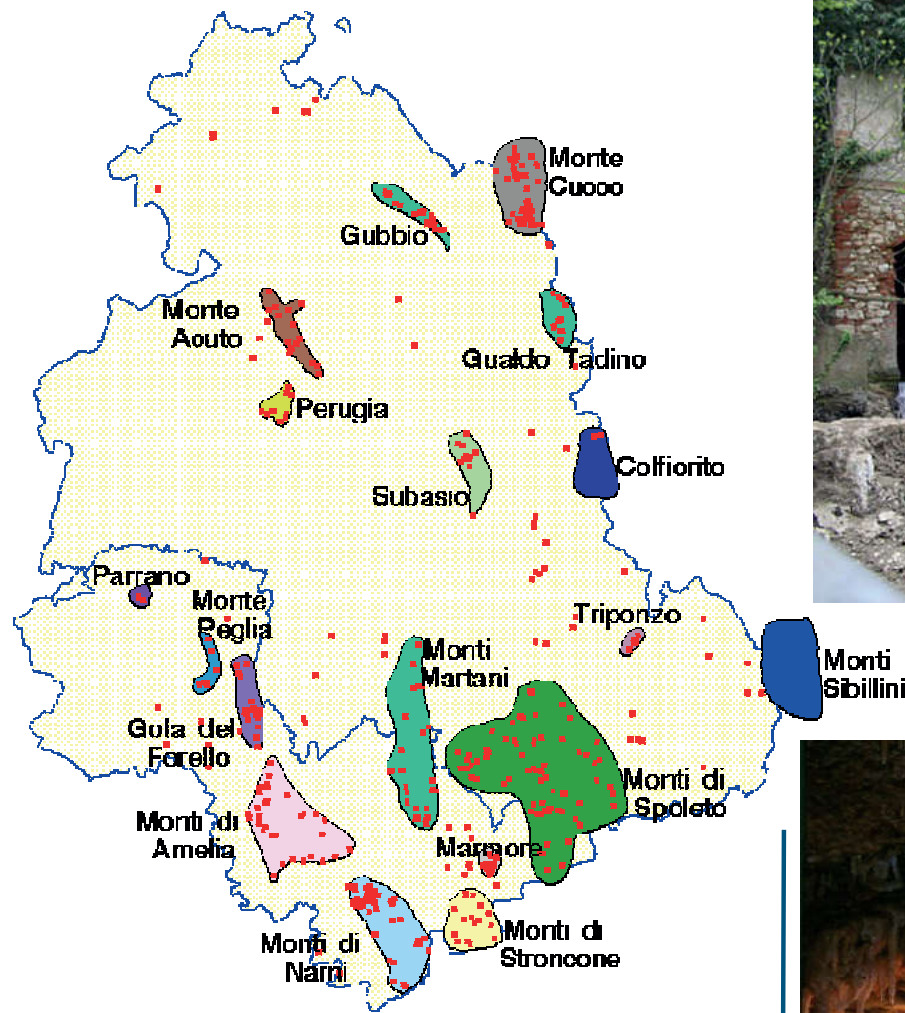




Excepted extraordinarily rich and interesting karst areas, such as Monte Cucco and the Gole del Forello, Umbria shows a widespread but modest karst phenomenon. Only exceptionally, isolated systems of a certain interest have been found, such as Grotta del Chiocchio near Spoleto and Buco Bucone in the Monti di Gualdo Tadino



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## KARST WATERS

In Umbria there are numerous sources of karst origin, including the Scirca spring, which collects the waters of the Grotta di Monte Cucco and feeds the aqueduct of Perugia the springs of the Narni Gorge which together reach a flow rate of 13 m<sup>3</sup> s draining the waters of the Narnese Amerina ridge and a large part of the deep hydrological system of southern Umbria.



Stifone Springs - Gole del Nera - Narni (Photo : Ermanno Peciarolo)



Pozzo della Piana, Orvieto (Photo: Stefano Romani)



Inghiottoio del Piano grande dei Sibillini, Umbria, Italia (Photo : U. Sauro)

## Caving Groups belonging the Federazione Umbra

- ASIC – Associazione Speleologica Italia Centrale Capitone
- Gruppo Grotte Pipistrelli CAI Terni
- Gruppo Speleo CAI Foligno
- Gruppo Speleologico CAI Gubbio – BUIO VERTICALE
- Gruppo Speleologico CAI Perugia
- Gruppo Speleologico CAI Spoleto
- Gruppo Speleologico CAI SSI Città di Castello
- Gruppo Speleologico Stroncone
- Gruppo Speleologico Terre Arnolfe Cesi
- Gruppo Speleologico Todi
- Gruppo Speleologico UTEC Narni
- La Scintilena Narni
- Speleo Club Orvieto
- Toward Sky Todi

## CADASTRE DETAIL

|                                |     |
|--------------------------------|-----|
| N° of caves in the cadaster    | 870 |
| N° of caves longer than 500m   | 5   |
| N° of caves deepest than 100 m | 10  |
| Show caves                     | 2   |

## Longest caves (>500 m)

|                       |         |
|-----------------------|---------|
| Grotta di Monte Cucco | 28000** |
| Buca di Faggeto Tondo | 3000    |
| Pozzo della Piana     | 2555    |
| Buca Futura           | 1300    |
| Grotta GIS            | 800     |
| Grotta dello Svizzero | 750     |
| Grotta del Chiocchio  | 600     |
| Grotta del Faggio     | 532     |
| ** partial            |         |

## Deepest caves (>100 m)

|                             |     |
|-----------------------------|-----|
| Grotta di Monte Cucco       | 923 |
| Grotta del Chiocchio        | 514 |
| Buca di Faggeto Tondo       | 300 |
| Abisso del Corno del Catria | 280 |
| Buco Bucone                 | 216 |
| Buca Futura                 | 180 |
| Voragine Bocca Nera         | 156 |
| Vorgozzino                  | 132 |
| Abisso II° di Monticelli    | 115 |
| Buca della Valcella         | 102 |

## THE KARST PHENOMENA

Excepted extraordinarily rich and interesting karst areas, such as Monte Cucco and the Gole del Forello, Umbria shows a widespread but modest karst phenomenon. Only exceptionally, isolated systems of a certain interest have been found, such as Grotta del Chiocchio near Spoleto and Buco Bucone in the Monti di Gualdo Tadino. On the other hand there is an imposing surface karst phenomenon, so that the closed floors of Castelluccio and Colfiorito are among the largest in Italy.