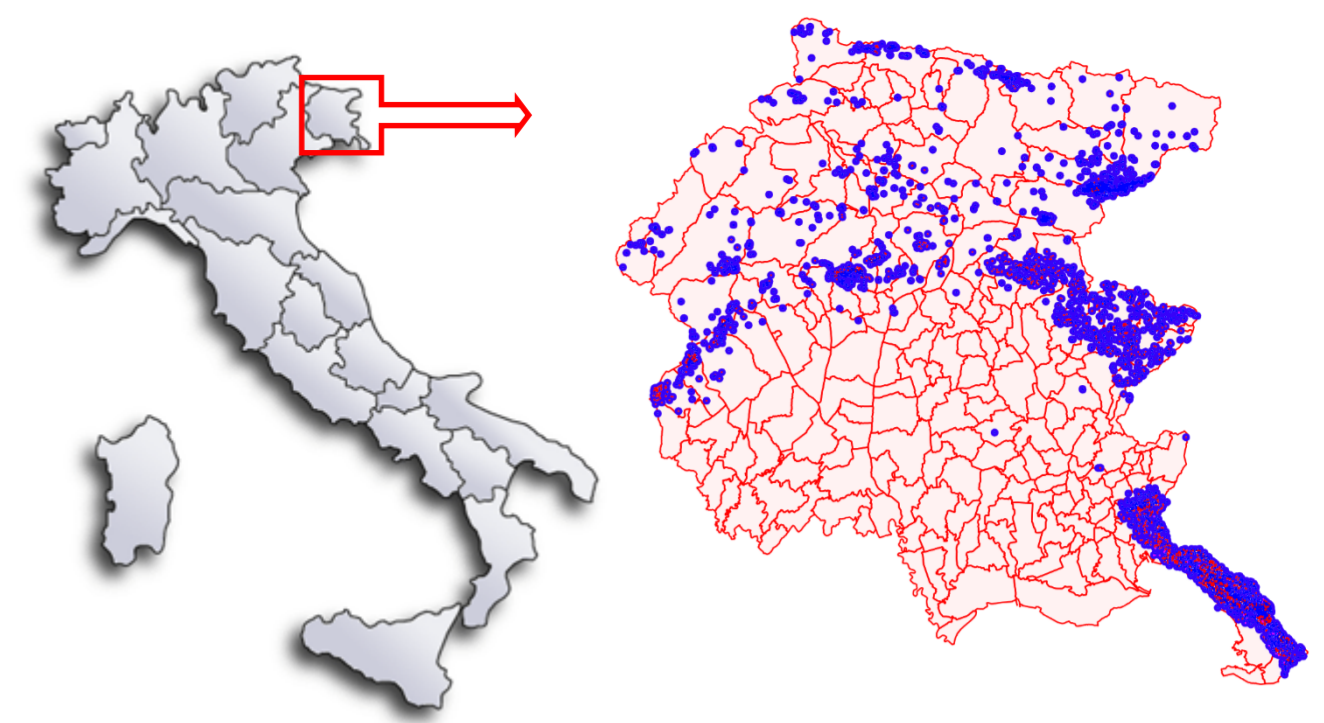




Federazione Speleologica Regionale del Friuli Venezia Giulia was established in 1997. It organises exhibitions, congresses and regional meetings on speleology. It has authored many thematic publications and, for more than 10 years, edited the paper edition of the monthly newsletter *La Gazzetta dello Speleologo*, now an online magazine. It has organised speleological expeditions and scientific researches. It promotes and coordinates campaigns for the protection of the environment, training courses and stages and other initiatives always at a regional level. It has developed many projects among which the promotion of Led lamps instead of acetylene torches and the positioning of identification plates by the entrance of natural cavities. From 2007 and for 10 years it has managed, thanks to an agreement with the Regional Governmental Authority, the Regional Cadastre.



Karstic waters

The Friuli Venezia Giulia region abounds with waters and karstic springs, spread out on the whole district. Significant and mysterious is the underground course of the **Timavo river**, which sinks in Slovenia to resurface in Italy close to Trieste. Other consistent karstic springs are located in the Udine province (**Fontanon di Timau** and **Fontanon di Goriuda**) and in the Pordenone province, where the **Risorgiva del Gorgazzo** can be found.



Foto Gianni Benedetti

Grotta Nuova di Villanova (UD)

The district

40% of the whole region and 60% of the mountainous area consist in carbonate rocks. Two areas stand out among these many: The **Karst**, from which the same phenomenon of “carsism” took its name, and the **Canin massif**, well known in all Europe for the surface and underground phenomena.

Groups member of the Federazione Speleologica Regionale del Friuli Venezia Giulia

- Associazione Speleologica “Forum Julii Speleo”
- Centro Ricerche Carsiche “C. Seppenhofer”
- Circolo Speleologico Idrologico Friulano
- Circolo Speleosub Sandanielese “Tane dal Lôf”
- Club Alpinistico Triestino – Gruppo Grotte
- Gruppo Esploratori Lavoratori Grotte di Villanova
- Gruppo Grotte Associazione XXX Ottobre CAI TS
- Gruppo Grotte “C. Debeljak”
- Gruppo Speleo “L.V. Bertarelli” CAI Gorizia
- Gruppo Speleologico Carnico “M. Gortani” CAI Tolmezzo
- Gruppo Speleologico Flondar
- Gruppo Speleologico Monfalconese “Amici del Fante”
- Gruppo Speleologico Pradis
- Gruppo Speleologico Sacile
- Gruppo Speleologico San Giusto
- Gruppo Speleologico Talpe del Carso
- Gruppo Speleologico Valli del Natisone
- Gruppo Triestino Speleologi
- Società Adriatica di Speleologia
- Società di Studi Carsici “A.F. Lindner”
- Športno društvo - Associazione Sportiva Grmada
- Unione Speleologica Pordenonese CAI

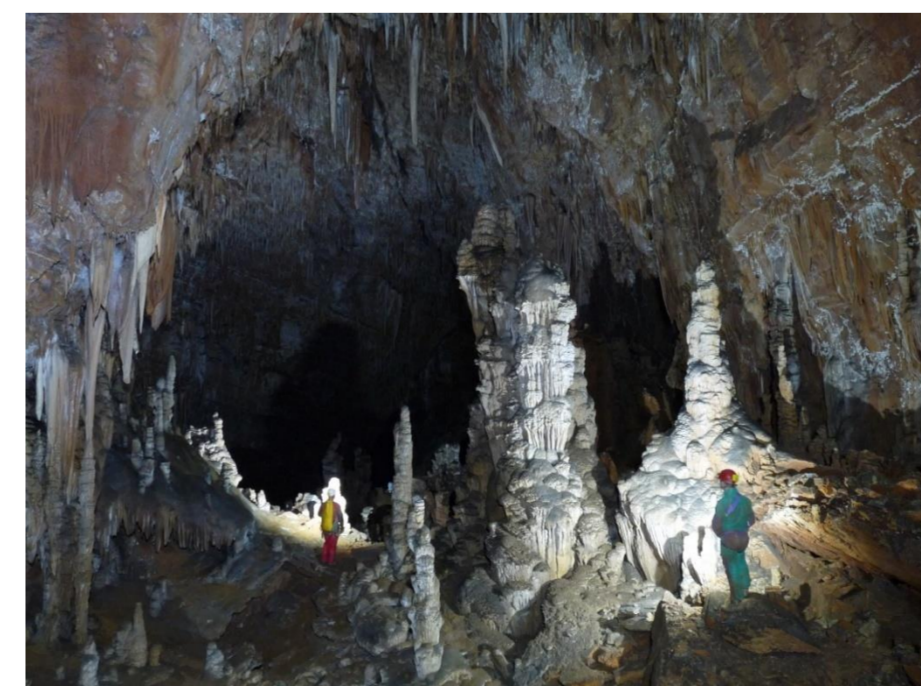
Catasto Regionale delle Grotte

The Federazione Speleologica Regionale of FVG managed the Regional Cadastre for 10 years until 2017. The new **Speleological Regional Cadastre** is currently located in Trieste in Via Sant’Anastasio 3, in the offices of the Regione Autonoma Friuli Venezia Giulia (catastogrotte.fvg.it)

| | |
|---|--|
| N° of caves registered in the Cadastre | 7939 |
| N° of cave entrances | 8700 |
| N° of entrances equipped with identification plates | 2093 |
| N° cave system | 34 |
| Datum of entrance coordinates | Metriche UTM WGS84 |
| N° of photos in digital Cadastre | 9819 |
| Used software | Web based, PostgreSQL, webgis, with cave history |
| Software localization | Italian, Slovenian |

The numbers of the FVG region

- 1000** estimated speleologists
- 26** speleological associations
- 5** tourist caves
- 6** mountain huts and speleological bivouacs
- 8** museums and structures for education



Grotta Nemez (TS) Foto Mauro Kraus

Last update February 2018

The Karstic systems

In the 7,800 km² of the region, a little more than 20 caves present a depth of more than 500 metres, and a dozen a spatial development of more than 5,000 metres. The most extended is the **Col delle Erbe complex**, with more than 40 Km of tunnels. This complex is located not far from the **Foran del Muss complex** (approx. 25 Km) which, with its -1,118 m, is the deepest cave in the district. Both are in the Canin Massif area (UD), and have been the subject of decades-long explorations: if a link among them would be found, the system would become one of the most extended in Italy.

The longest caves (>5,000 metres)

| | metres |
|--|----------------|
| Complesso del Col delle Erbe | approx. 40.000 |
| Complesso del Foran del Muss | approx. 24.000 |
| Grotta Nuova di Villanova | 8.020 |
| Complesso Fossa del Noglar-La Val-Mainarda-Battei | 6.924 |
| Grotta Claudio Skilan | 6.400 |
| Sistema Abisso Fonda-Grotta Laricetto-Abisso Sisma | approx. 6.000 |
| Grotta Egidio Feruglio | 5.520 |
| Complesso del Monte Cavallo di Pontebba | 5.700 |
| Risorgiva di Eolo | 5.316 |

The deepest caves (>700 metres)

| | metres |
|--|--------|
| Complesso del Foran del Muss | 1.118 |
| Abisso Led Zeppelin | 1.020 |
| Complesso del Col delle Erbe | 880 |
| Abisso Col della Rizza | 796 |
| Abisso Queen Mama | 790 |
| Sistema del Col Lopic | 770 |
| Sistema Abisso Fonda-Grotta Laricetto-Abisso Sisma | 770 |
| Complesso S20-S31-FDZ2 | 760 |
| Abisso Amore Quanto Latte | 740 |
| Abisso Capitan Findus (NET 15) | 735 |
| Abisso a SE della Quota 1972 (ET5) | 726 |
| Abisso Il del Poviz (Gronda Pipote) | 720 |

Federazione Speleologica Regionale del Friuli Venezia Giulia

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