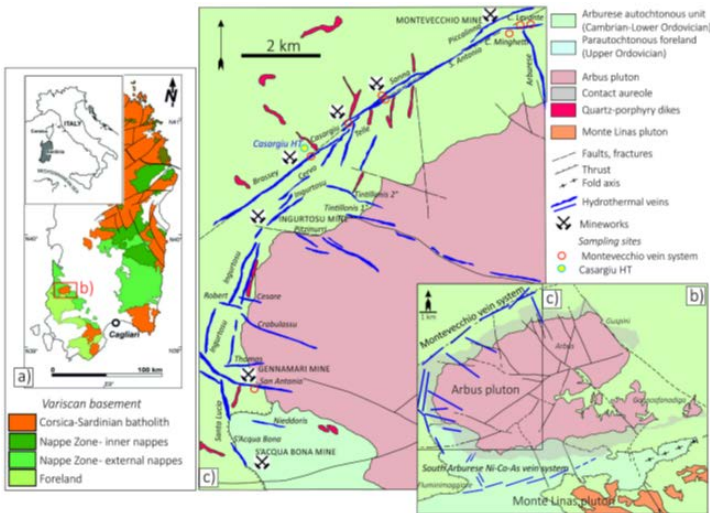


THE ABANDONED MINES OF THE MONTEVECCHIO DISTRICT

The **Montevecchio-Ingurtosu** district (SW Sardinia) was among the largest historical Pb-Zn producers of Italy, with significant Ag output, and yields of metallic by-products such as Cd, Co, Cu, Bi, Sb, Ge, In, and Ga. Mineralization occurs as steeply dipping veins extending for almost 20 km at the northern and western flanks of the Variscan Arbus pluton. These veins are hosted in phyllites of the Arburese Unit close to the thermometamorphic aureole.



Streams draining the Montevecchio area have high concentrations of Zn. Because Zn is not easily removed from stream water and because it can be toxic to aquatic organisms, its presence is a persistent problem. The Zn biominerals occur on the riverbeds leading to natural attenuation of metal loads discharged by **Piscinas** river to the Mediterranean.

COORDINATOR

Giovanni De Giudici
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DATES

Middle-Conference – WT-07

Starts: June 19, 2025 at 8:00 AM, at Cagliari Harbour

Ends: June 19, 2025 at 18:00 PM, at Cagliari Harbour

NUMBERS OF PARTECIPANTS

Minimum: 10 | Maximum: 30

COST

Included in the registration

TYPE OF TRANSPORTATION

Minivan for intercity trips and visits

PREREQUISITES

Easy hiking.

EQUIPMENT FOR INDIVIDUAL USE

Comfortable shoes for short hiking

Protective sun cream

Swimsuit, towel and beach slippers (for the bath at Piscinas beach)

INCLUDED IN THE PACKAGE

Visit some mines with primary and secondary minerals, the associate wastes and their dispersal processes

Visit Piscinas beach and opportunity to have bath in the Mediterranean (unless adverse weather condition)

Meals: pocket lunch

