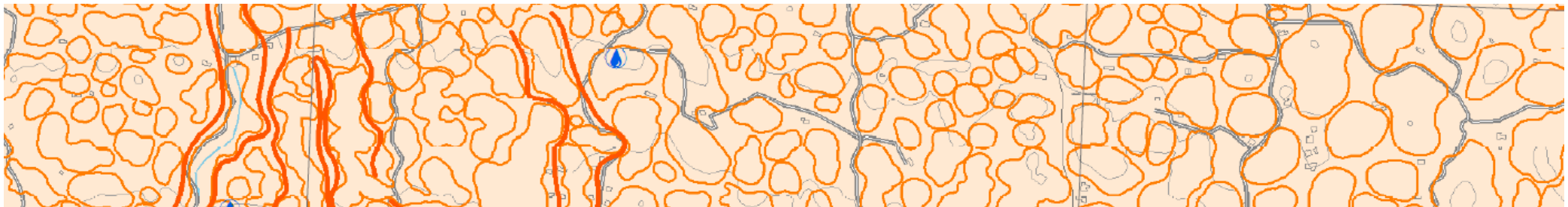


Docente  
Prof. Aldino Bondesan

# Esercitazione

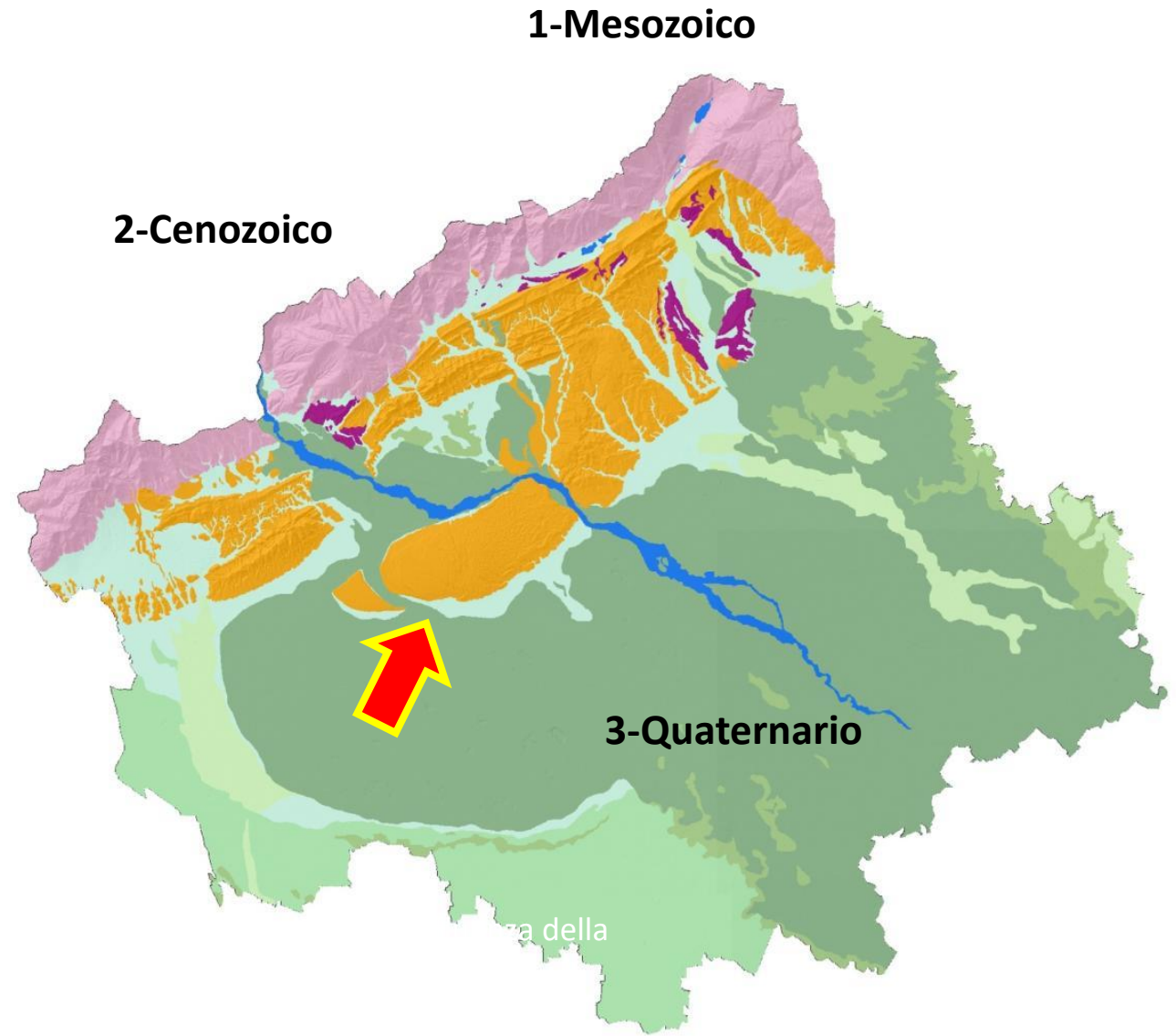
## Il Montello: morfometria delle doline

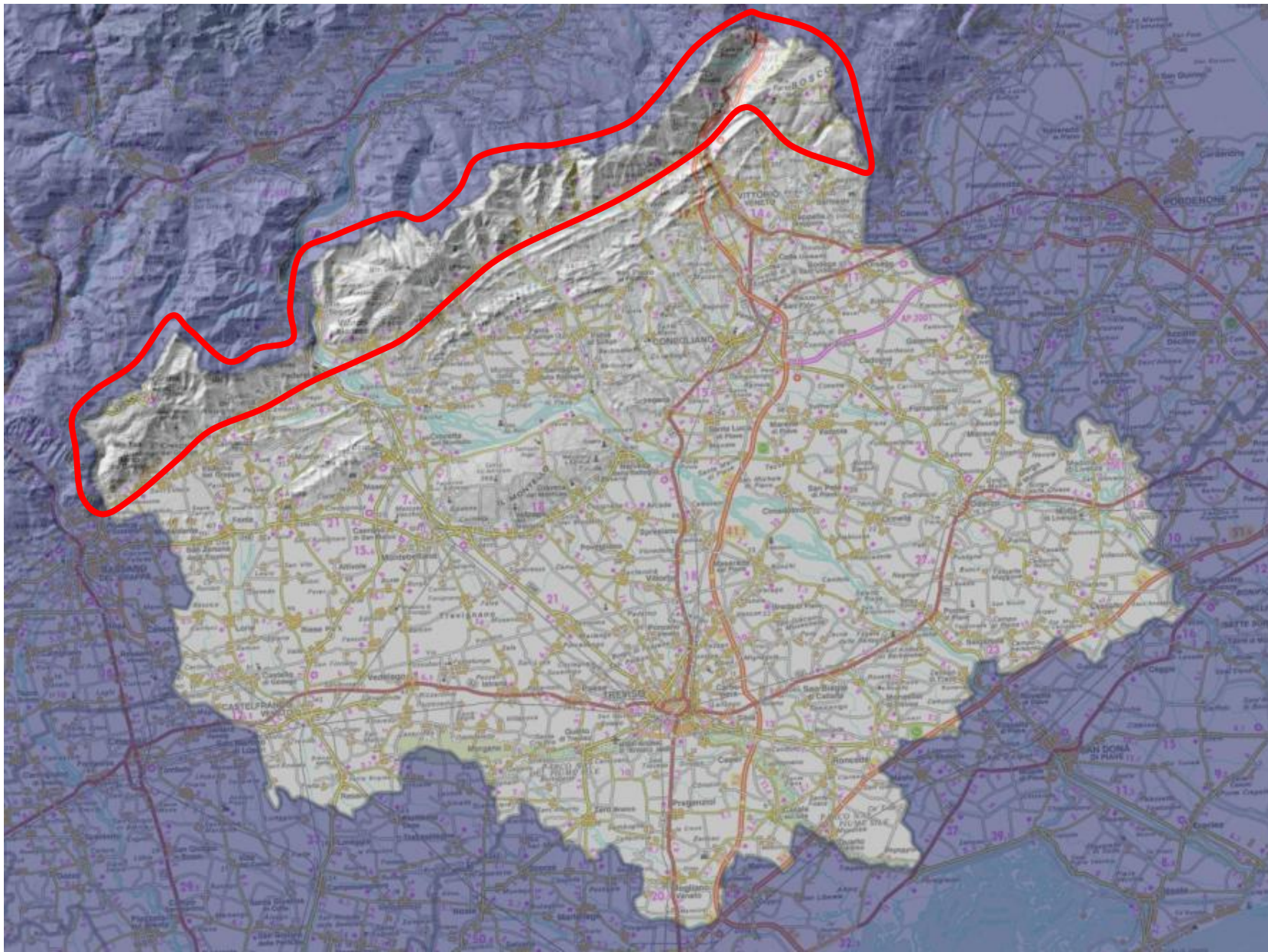


# Geologia

Dal punto di vista geologico si ritrovano in sequenza:

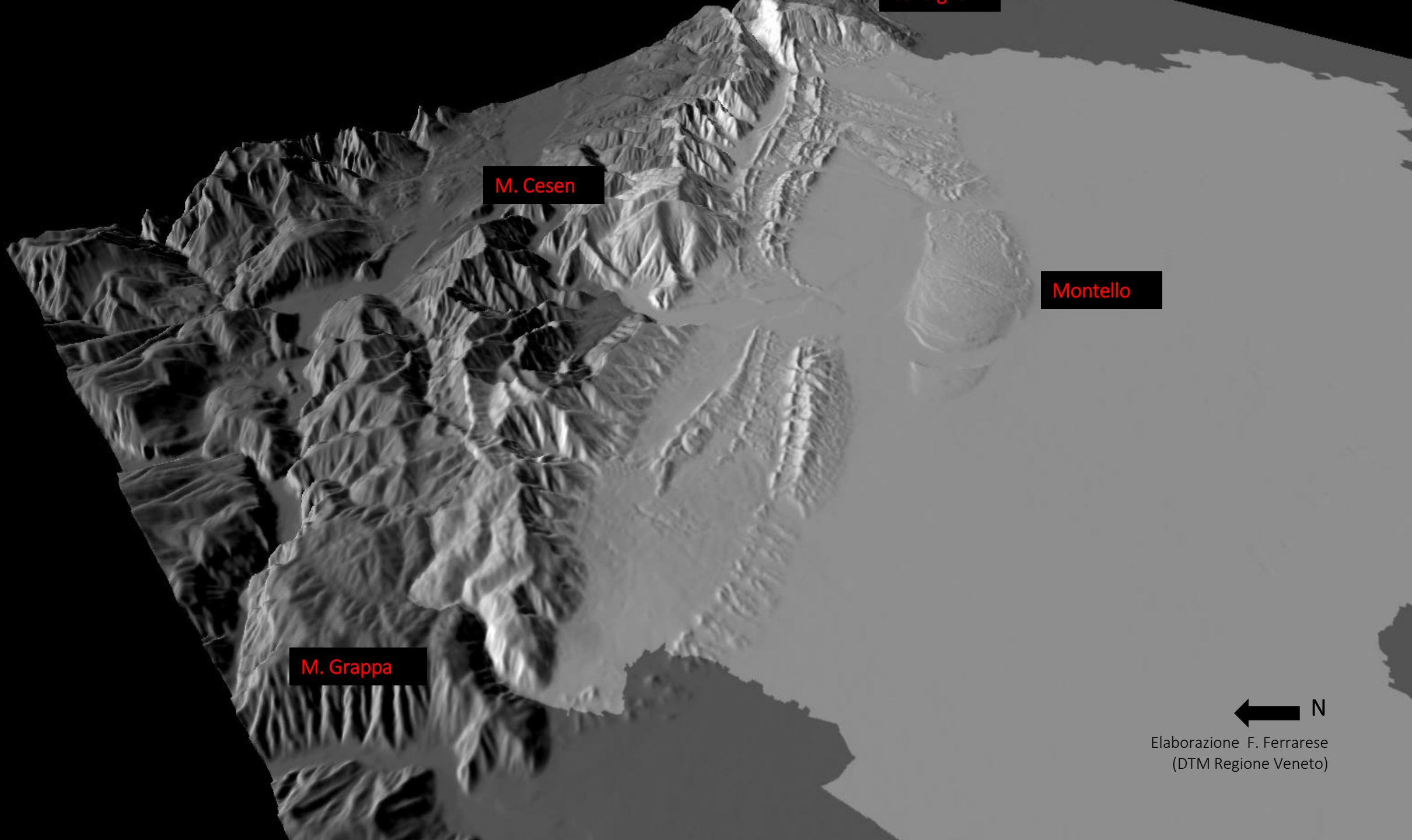
- 1) formazioni mesozoiche calcaree e marnose
- 2) formazioni cenozoiche meno tenaci
- 3) depositi quaternari nelle valli e in pianura





## Rilievo prealpino

Elaborazione F. Ferrarese  
(DTM Regione Veneto)



M. Cesen

Montello

M. Grappa



Elaborazione F. Ferrarese  
(DTM Regione Veneto)



# Piano del Cansiglio

Polje carsico

Influenza strutturale (nucleo di  
sinclinale)

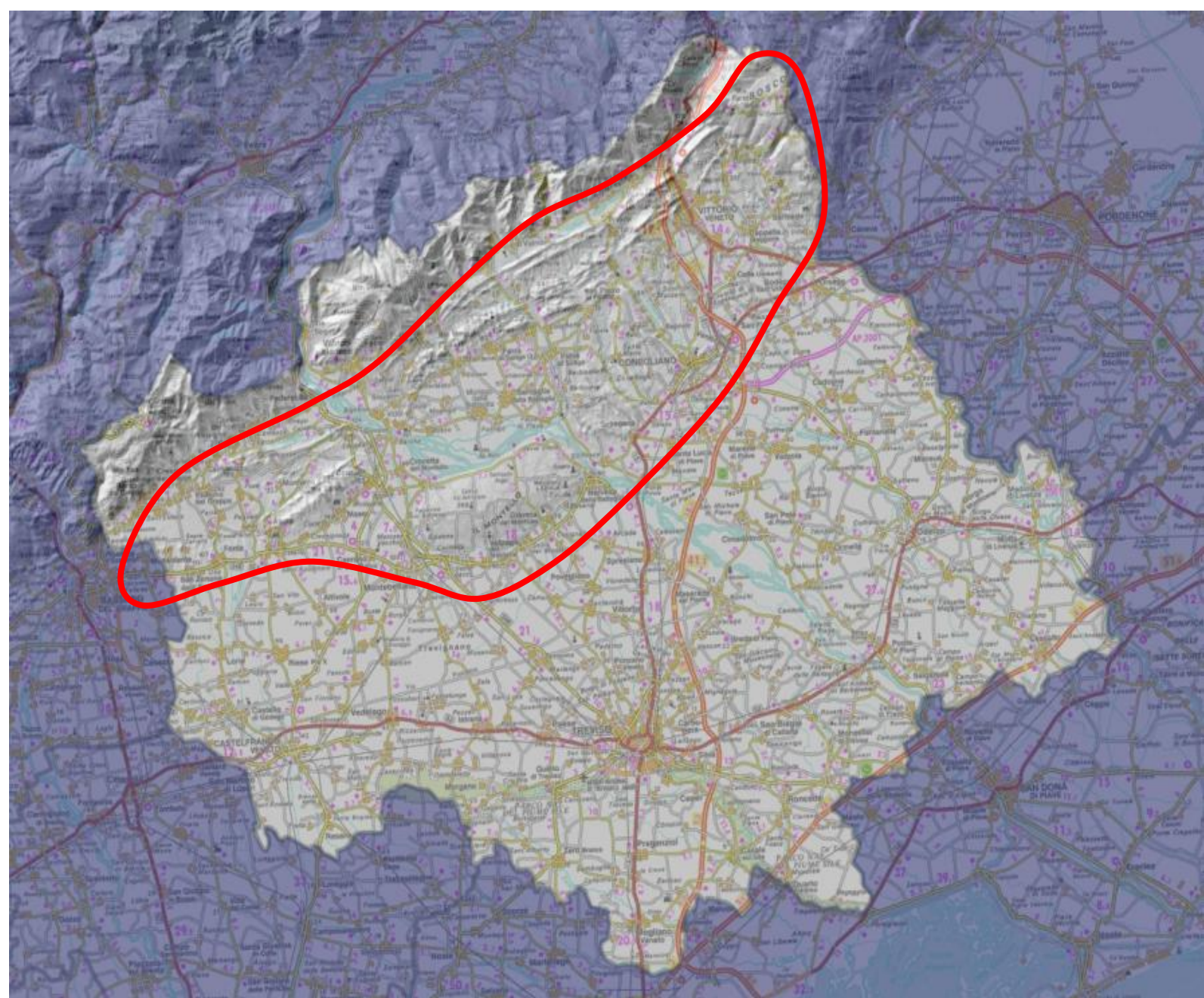
Paesaggio a doline (a est)



Il grandi  
versanti  
meridionali



# Rilievi subalpini e colline moreniche







## Ultima massima espansione glaciale nella valle del Piave

Max espansione 17.600 BP

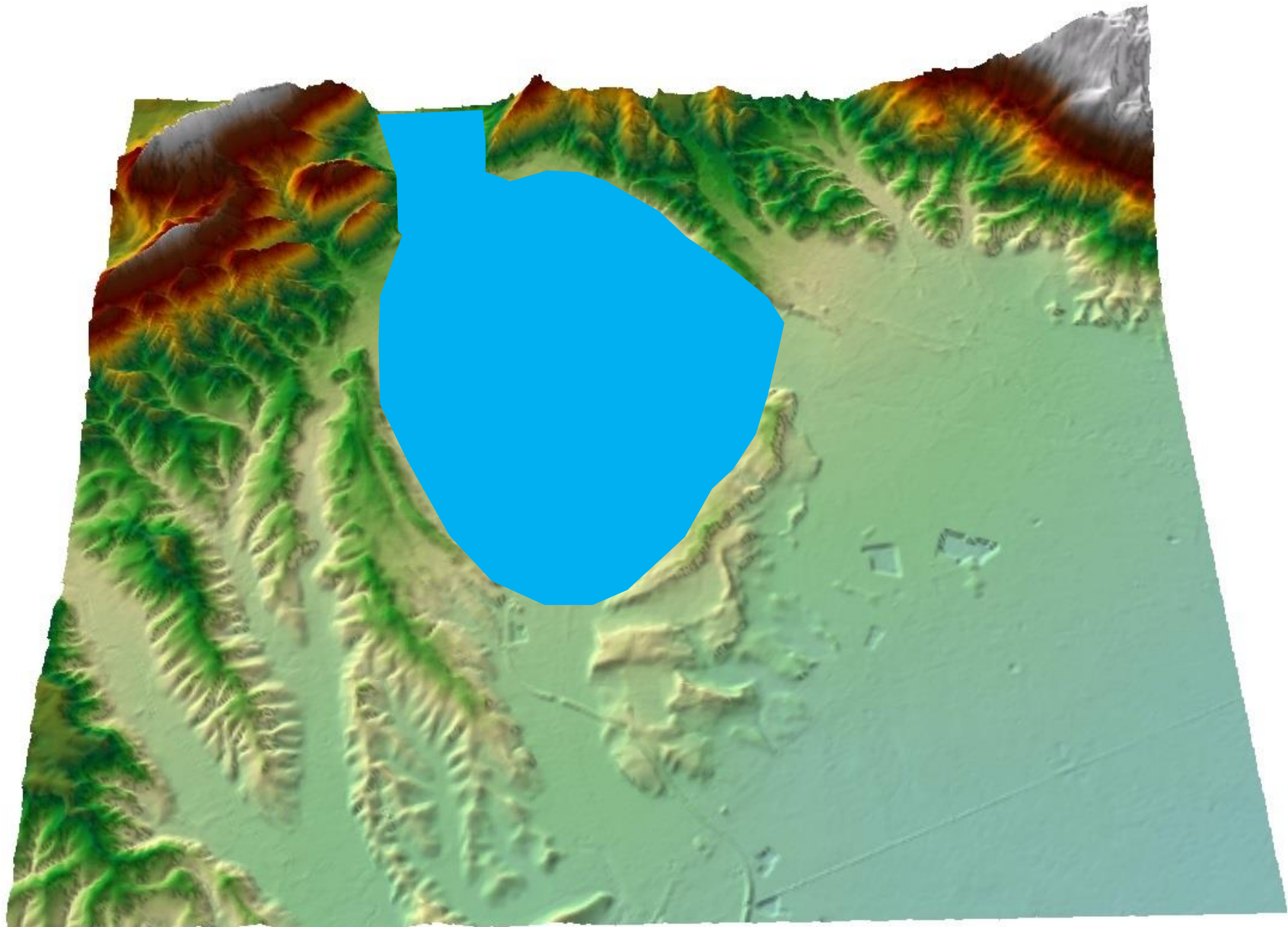
Ritiro avvenuto dal Vallone Bellunese (parte mediana del bacino) prima di 15.000 BP

Occupata la valle del Soligo e l'anfi-teatro di Vittorio Veneto

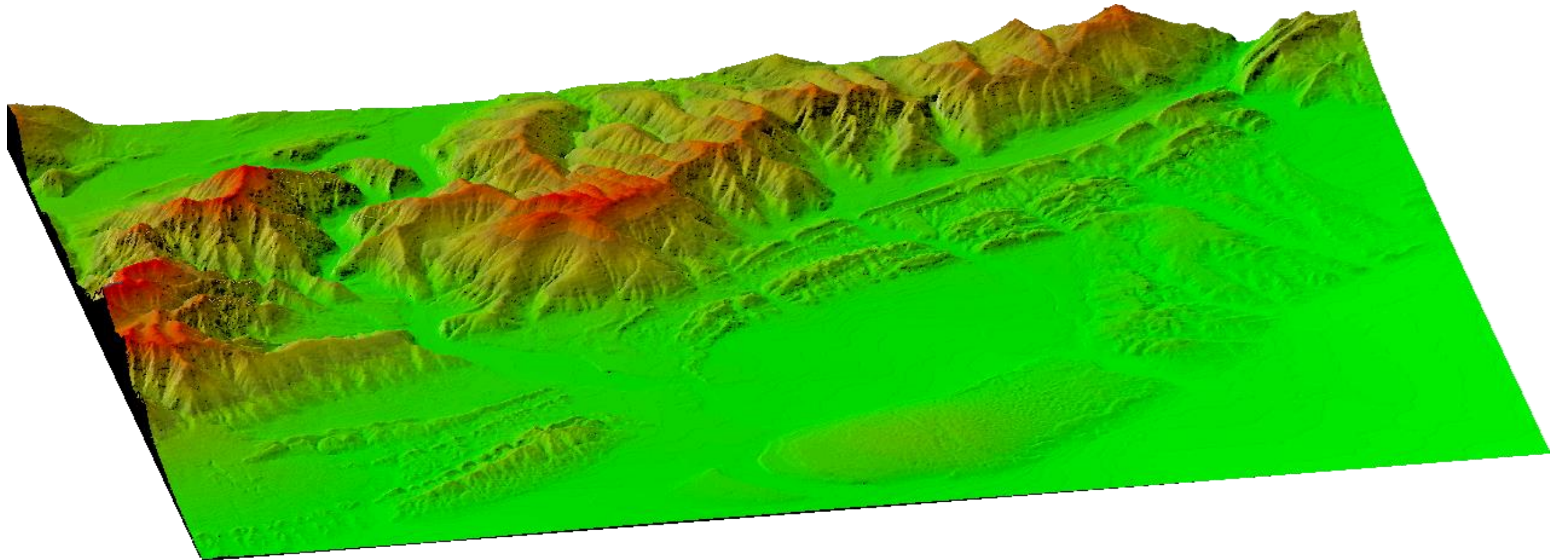
# La sella del Fadalto dal Lago di S. Croce



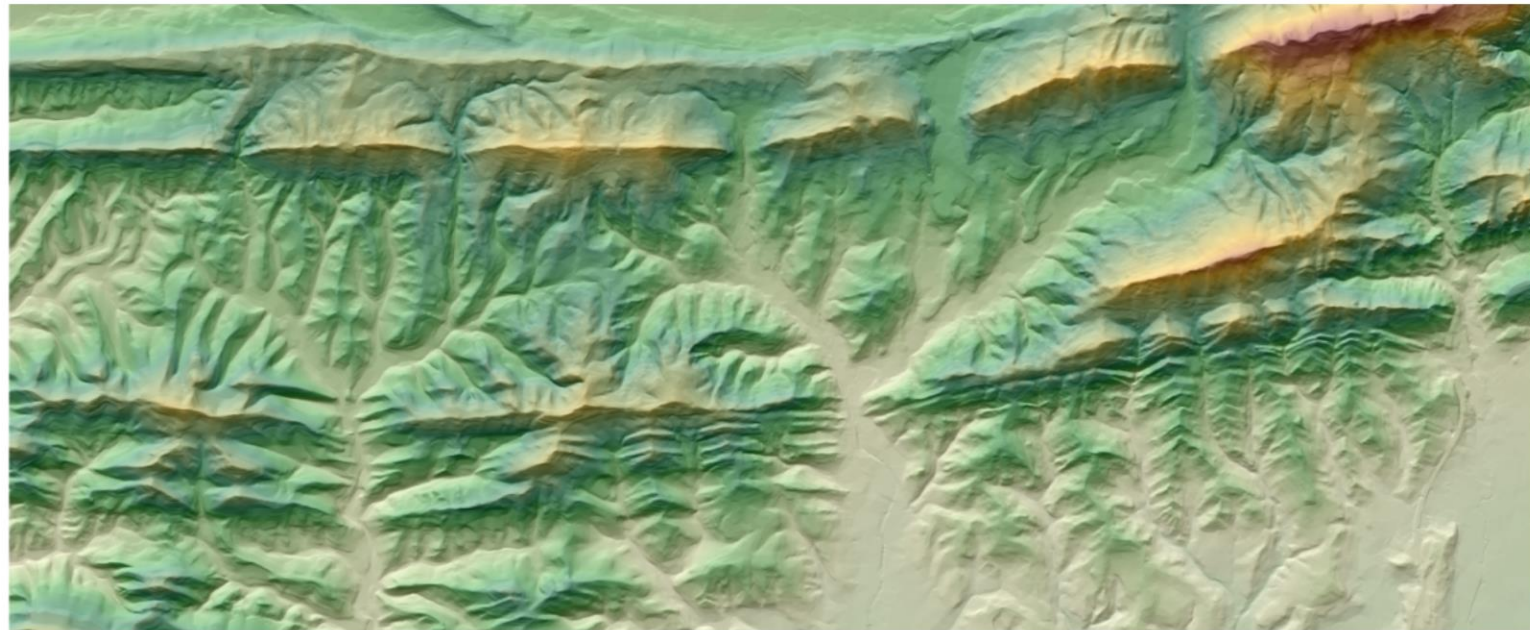
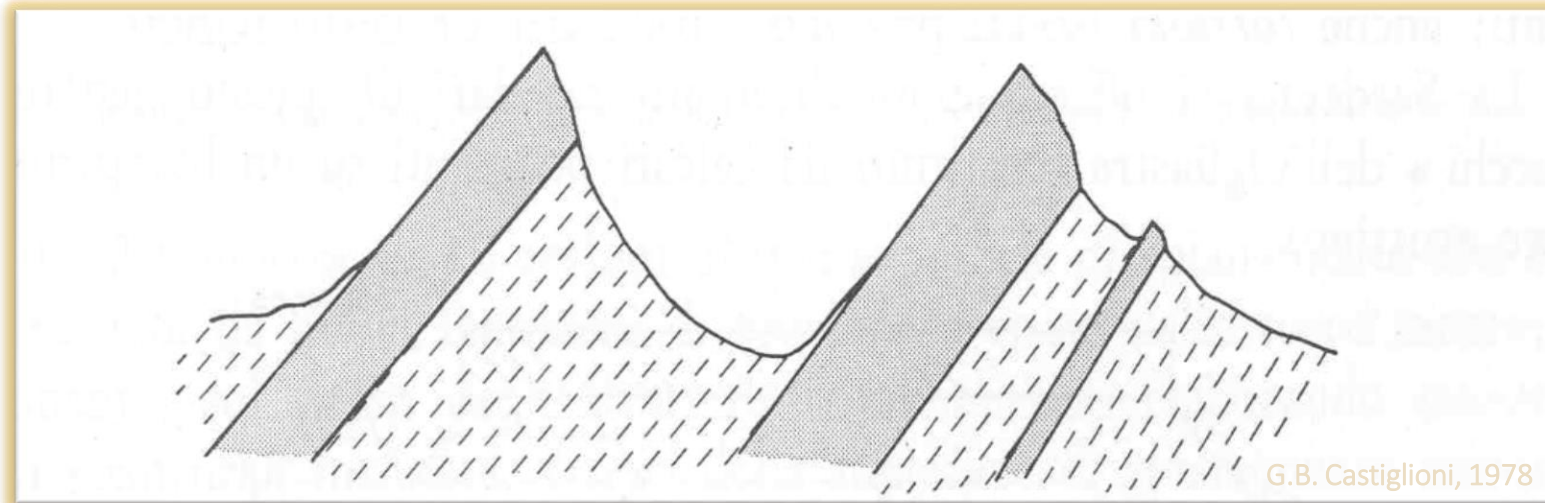




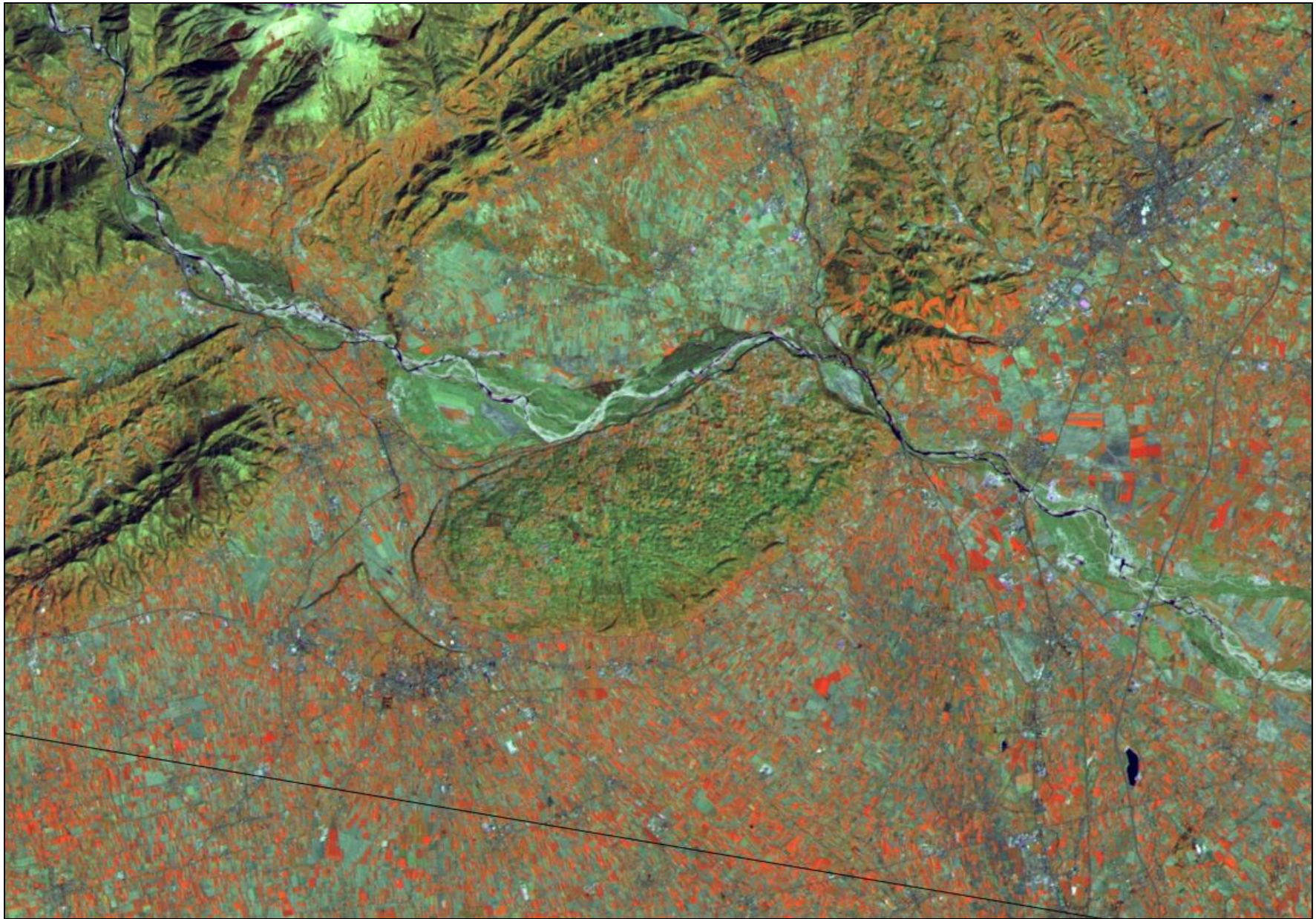
# Le “corde”, le colline di Conegliano e il Montello



## Rilievi monoclinali di tipo hogback su strati duri e teneri molto inclinati



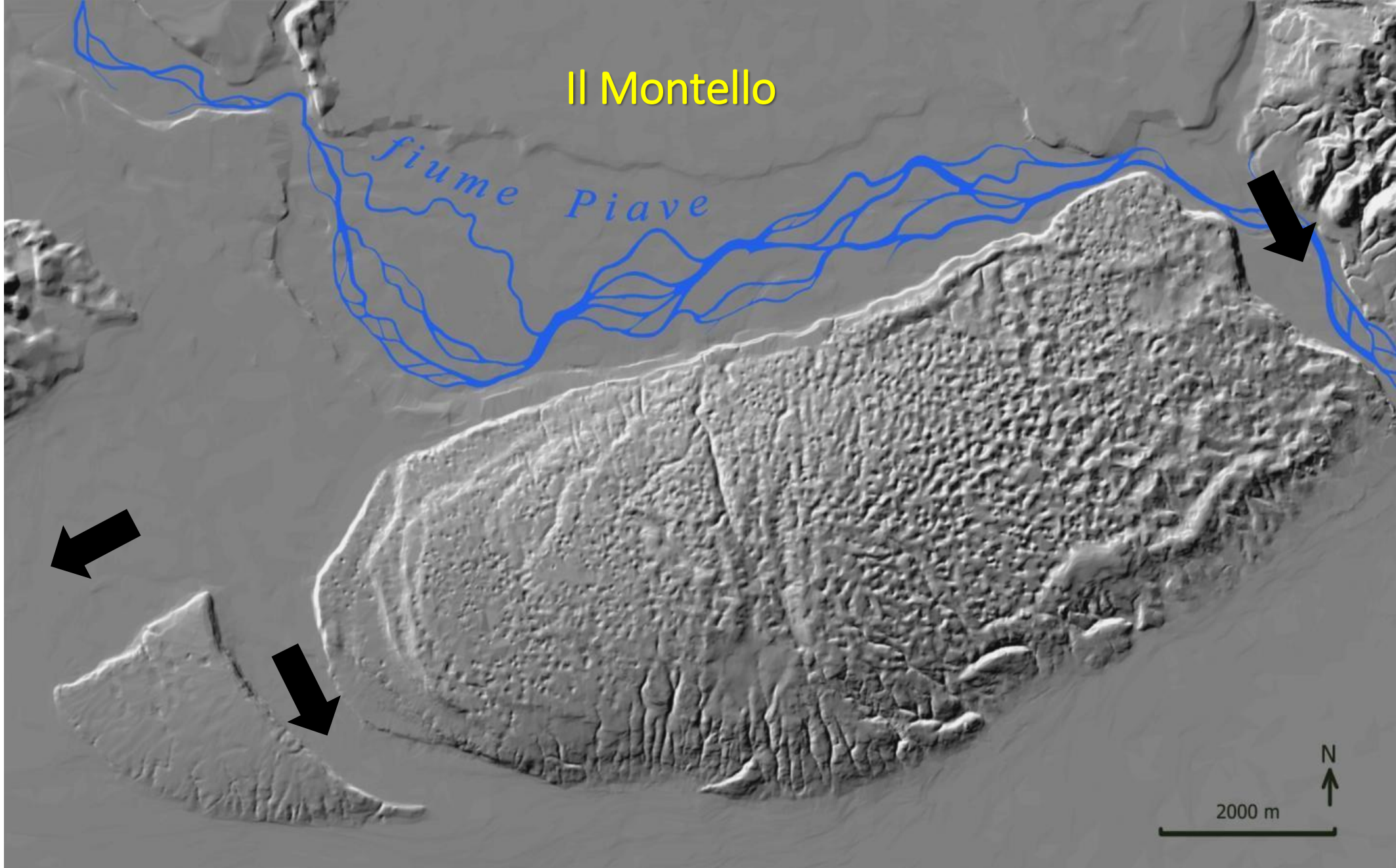




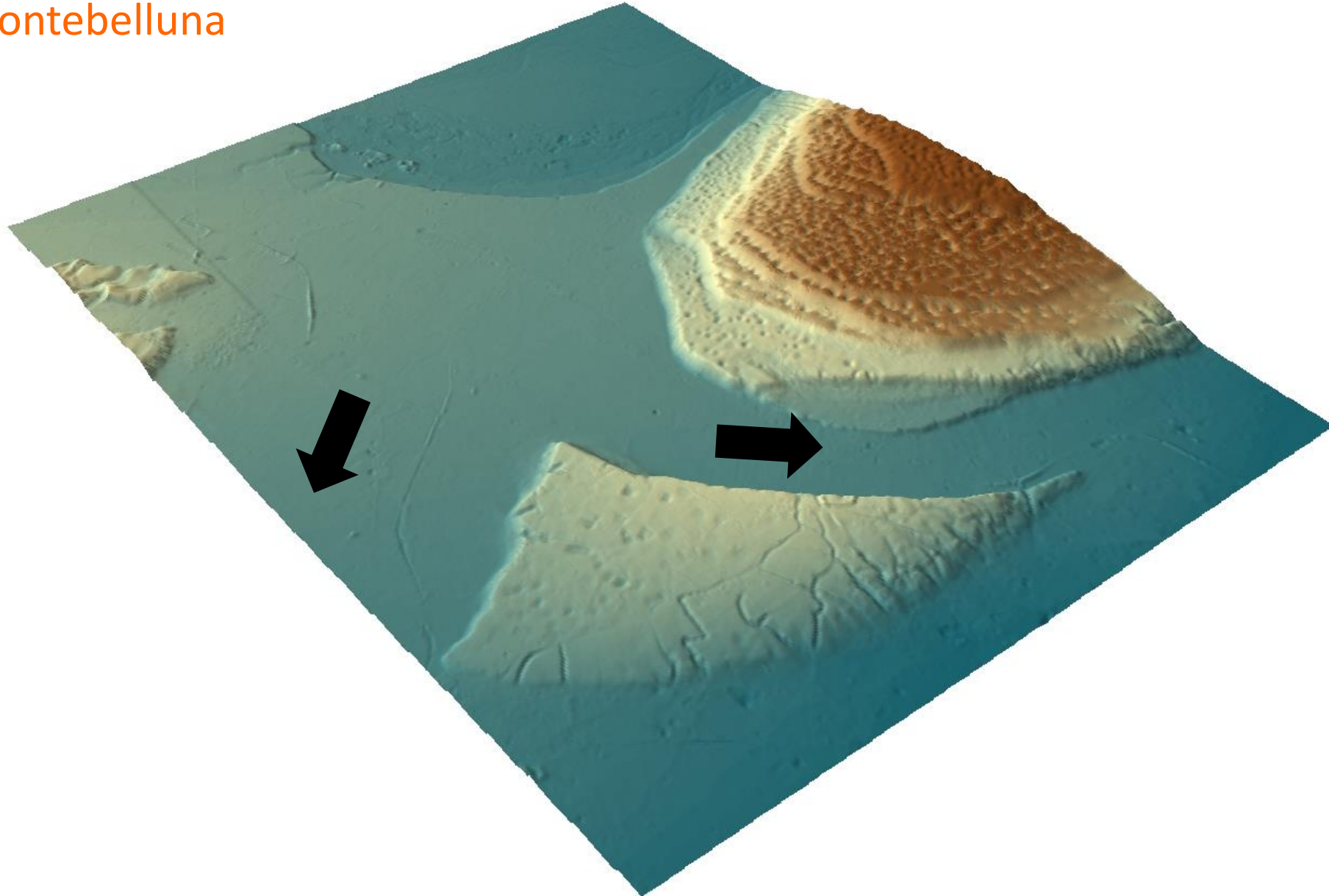


# Il Montello

*fiume Piave*

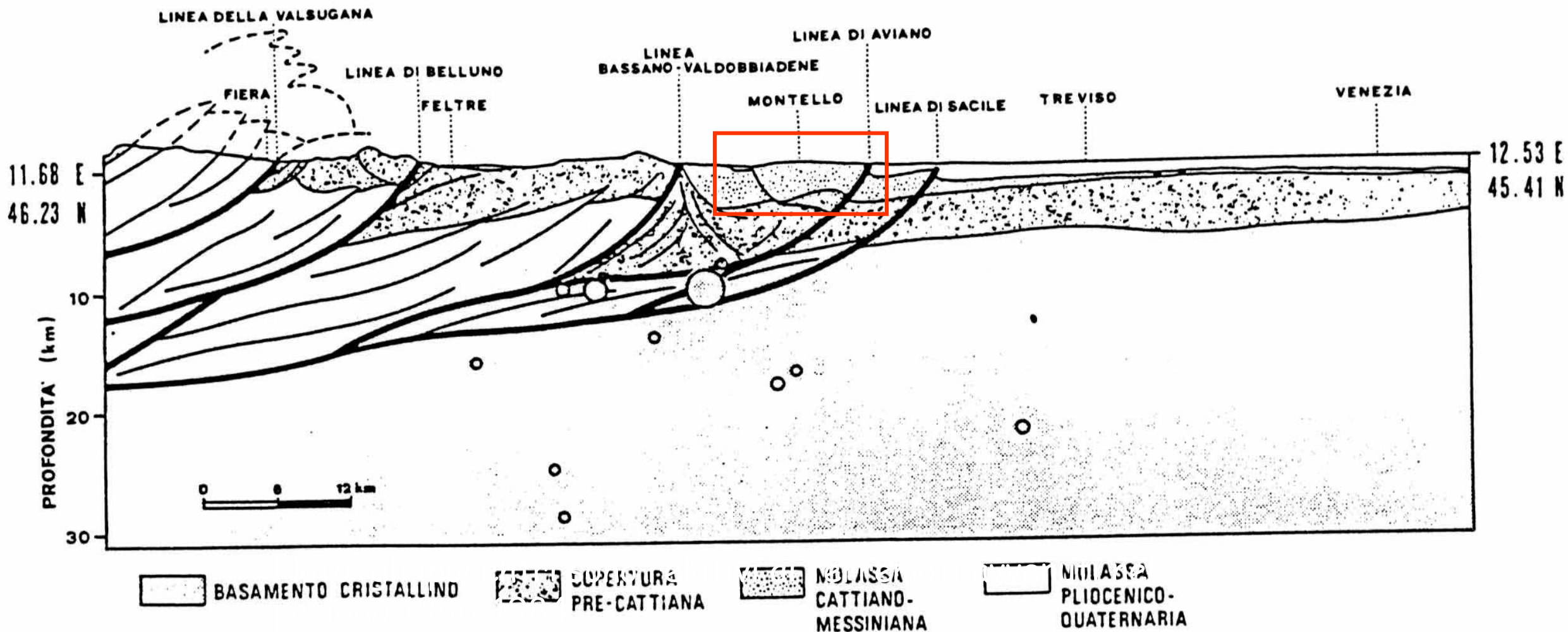


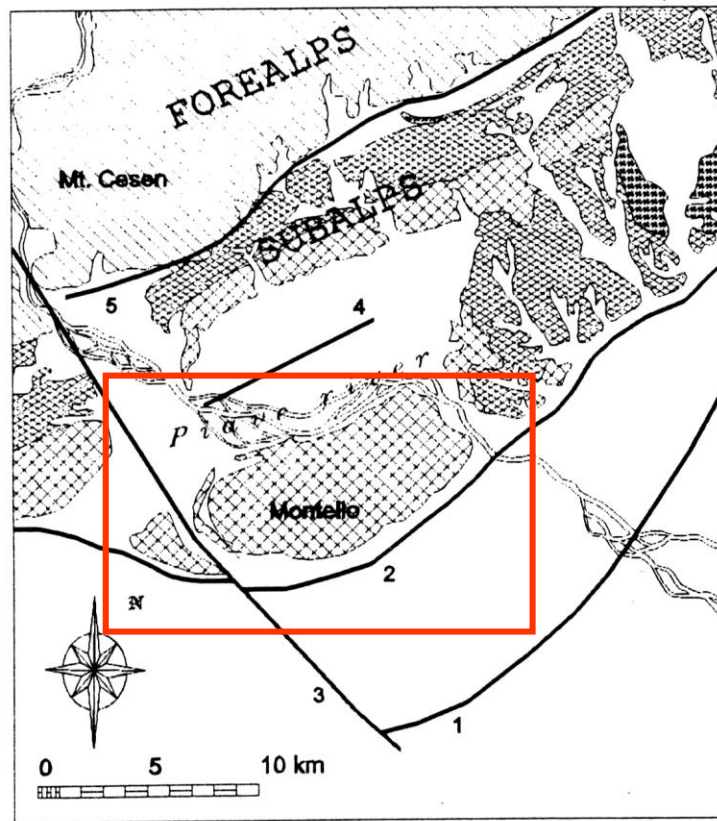
## Solco di Montebelluna





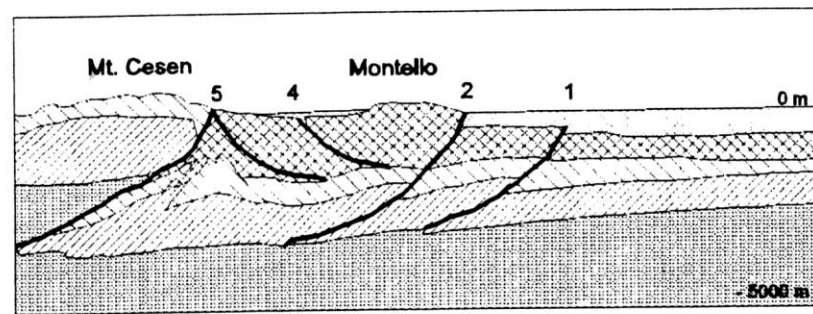
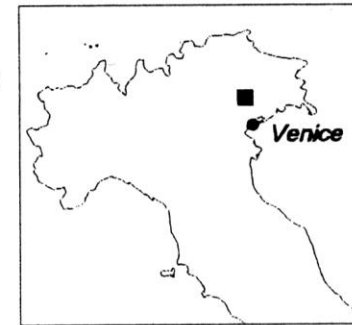
## Sezione geologica della parte più esterna del Alpi Meridionali





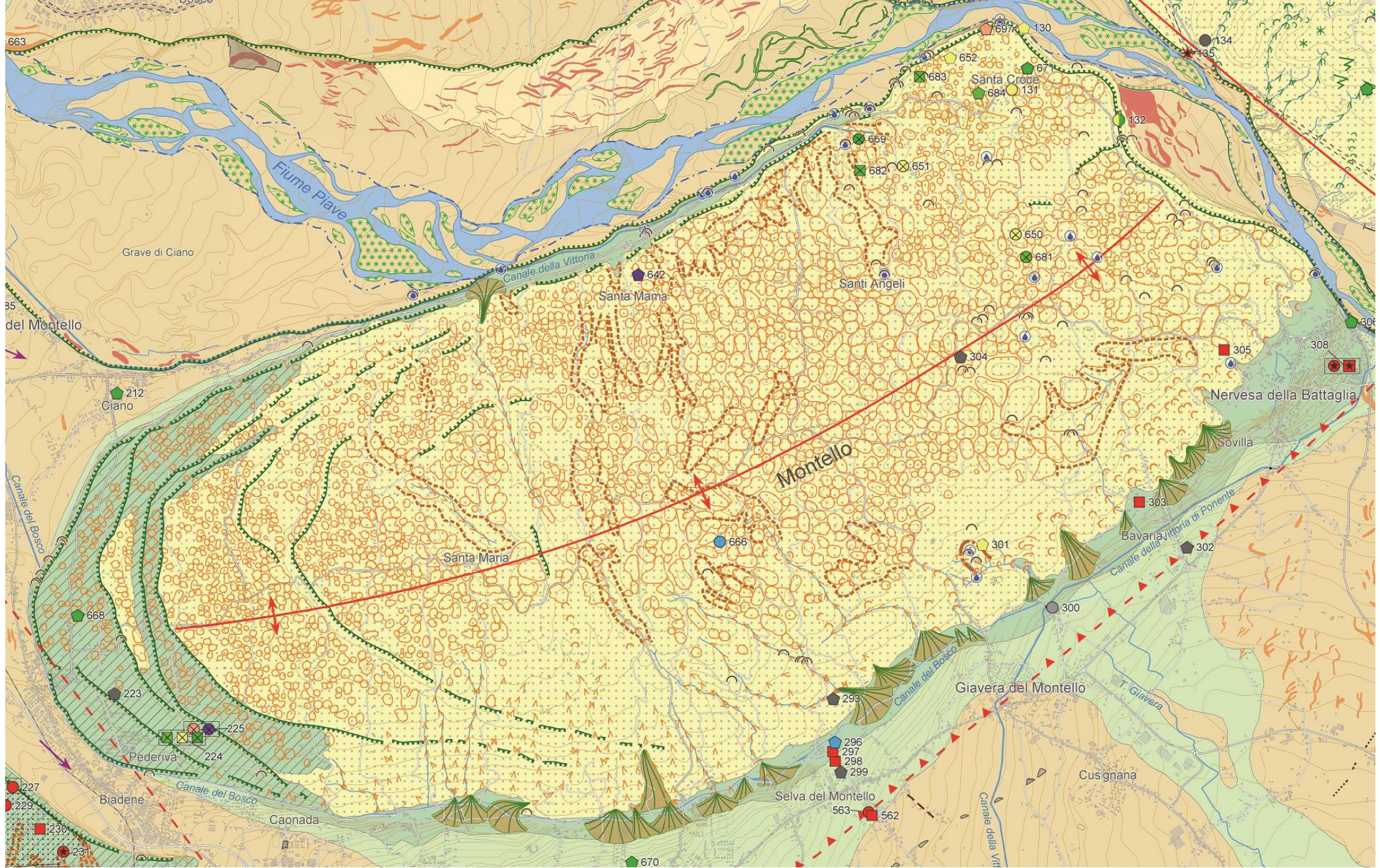
- Mesozoic limestone & marls (Cretaceous - Giurassic) . . .
- Sandstone & conglomerates (Miocene - Paleogene) . . .
- Montello conglomerate (late Miocene) . . . . .
- Alluvial & glaciofluvial deposits (Quaternary) . . . . .
- Till deposits (Quaternary) . . . . .

1. Overthrust "linea di Sacile"
2. Overthrust "linea di Aviano"
3. "Montebelluna" fault
4. "Quartier del Piave" fault
5. Forealpine flexure



- Quaternary - Pliocene . . . . .
- Miocene - Paleogene . . . . .
- Mesozoic sedimentary rock units . . . . .
- Trias - Permian . . . . .
- Cristalline basement . . . . .

Fig. 1. Geological sketch of the Montello area.



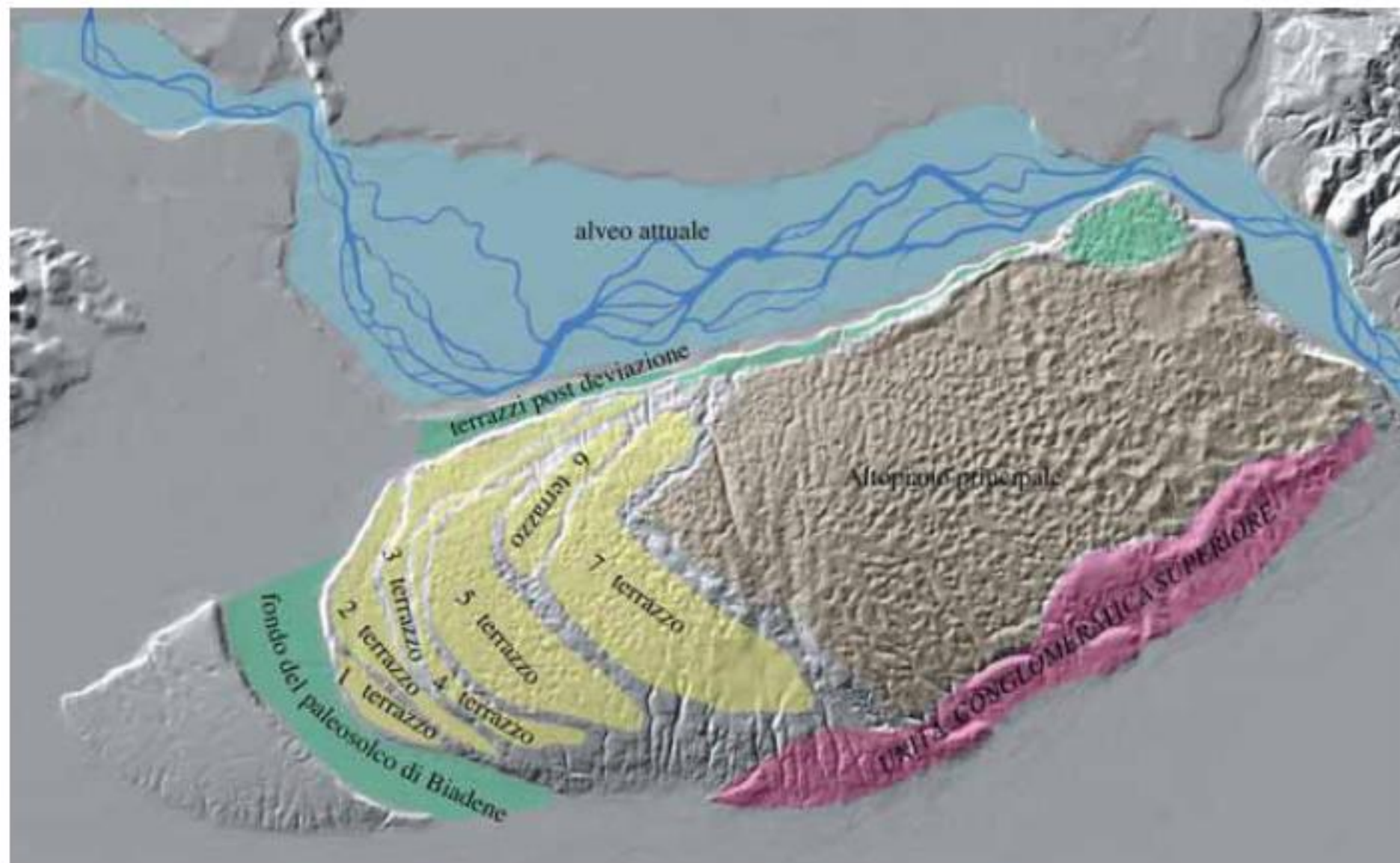


Fig. 2 - Modello digitale del rilievo del Montello e delle sue principali unità geomorfologiche.  
*Digital model of the Montello and of its main geomorphological units.*

## Montello: deformazione dei terrazzi

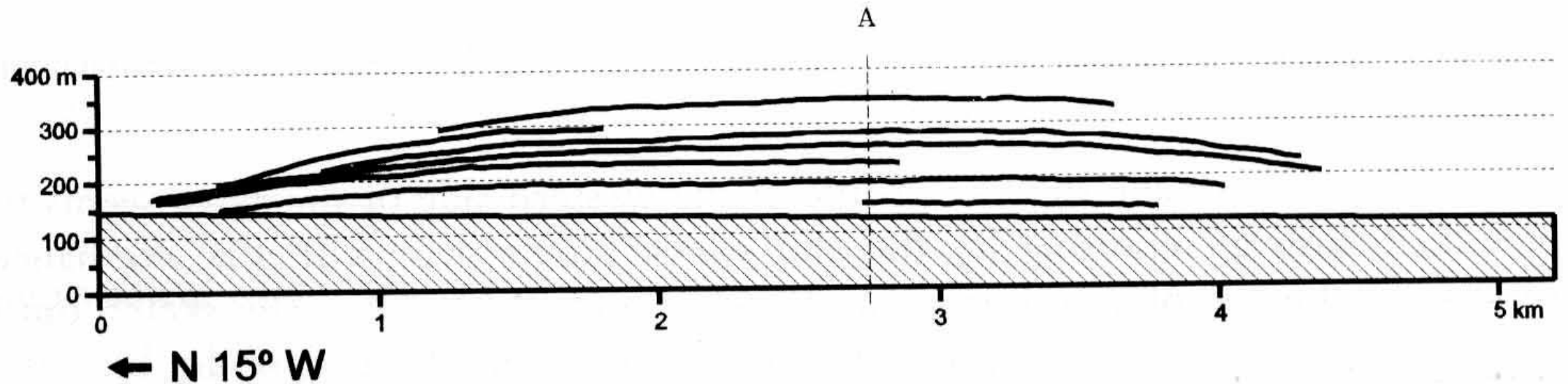
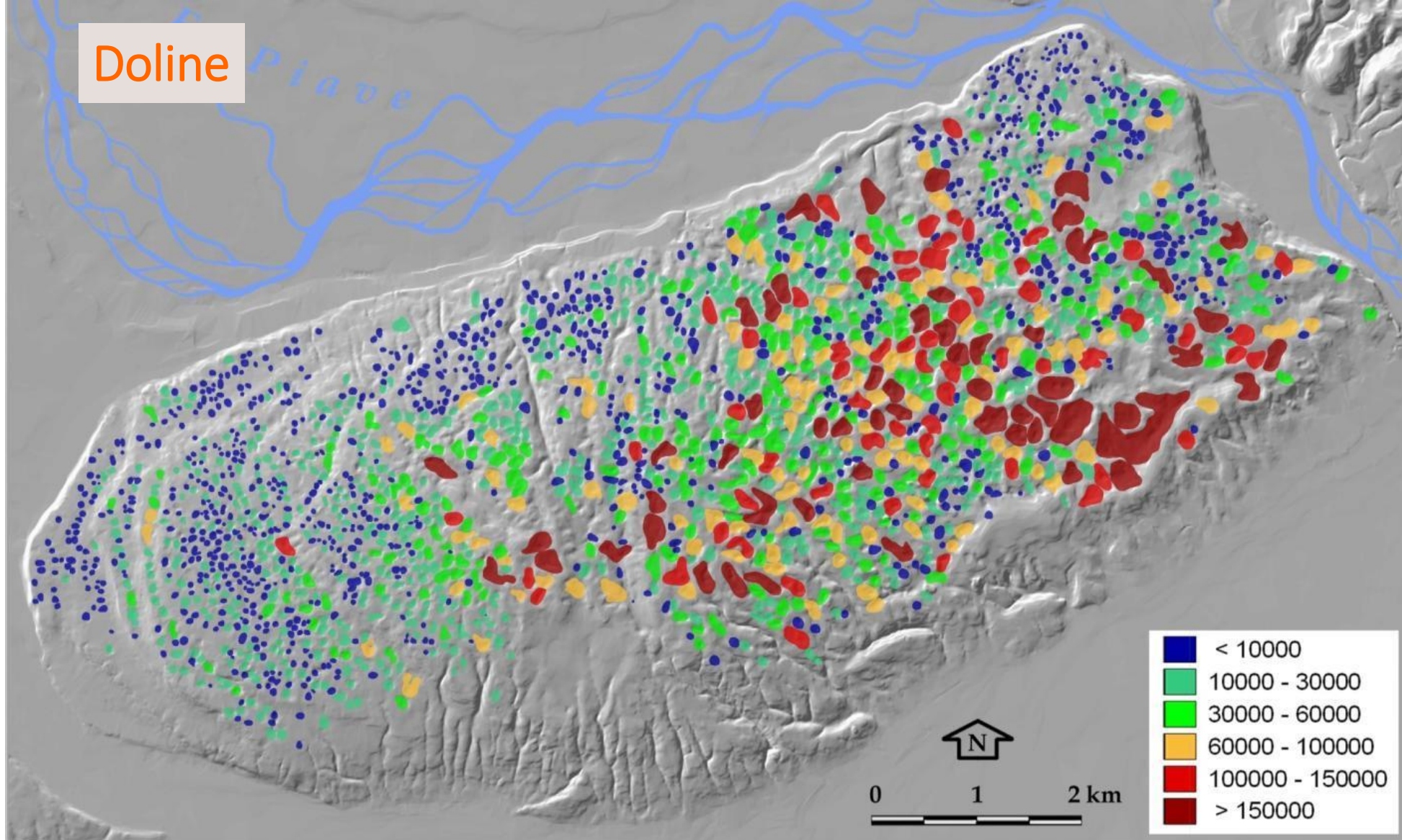


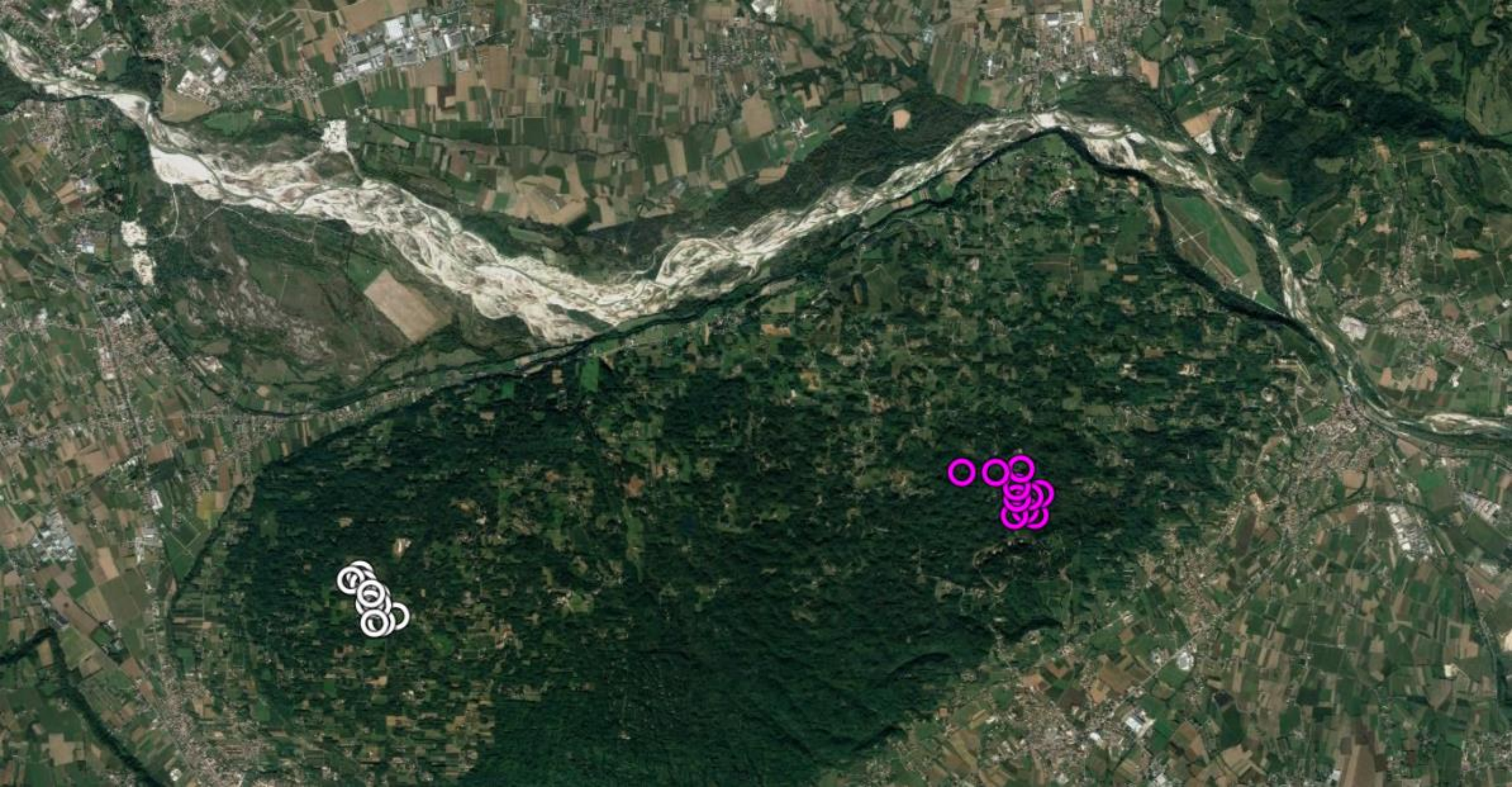
Fig. 14. Sections across the seven western terraces, shown along the anticline axis (A). Altimetric scale is twice the planimetric one.



# Doline



Volumi delle doline in sei classi di valori espressi in metri cubi







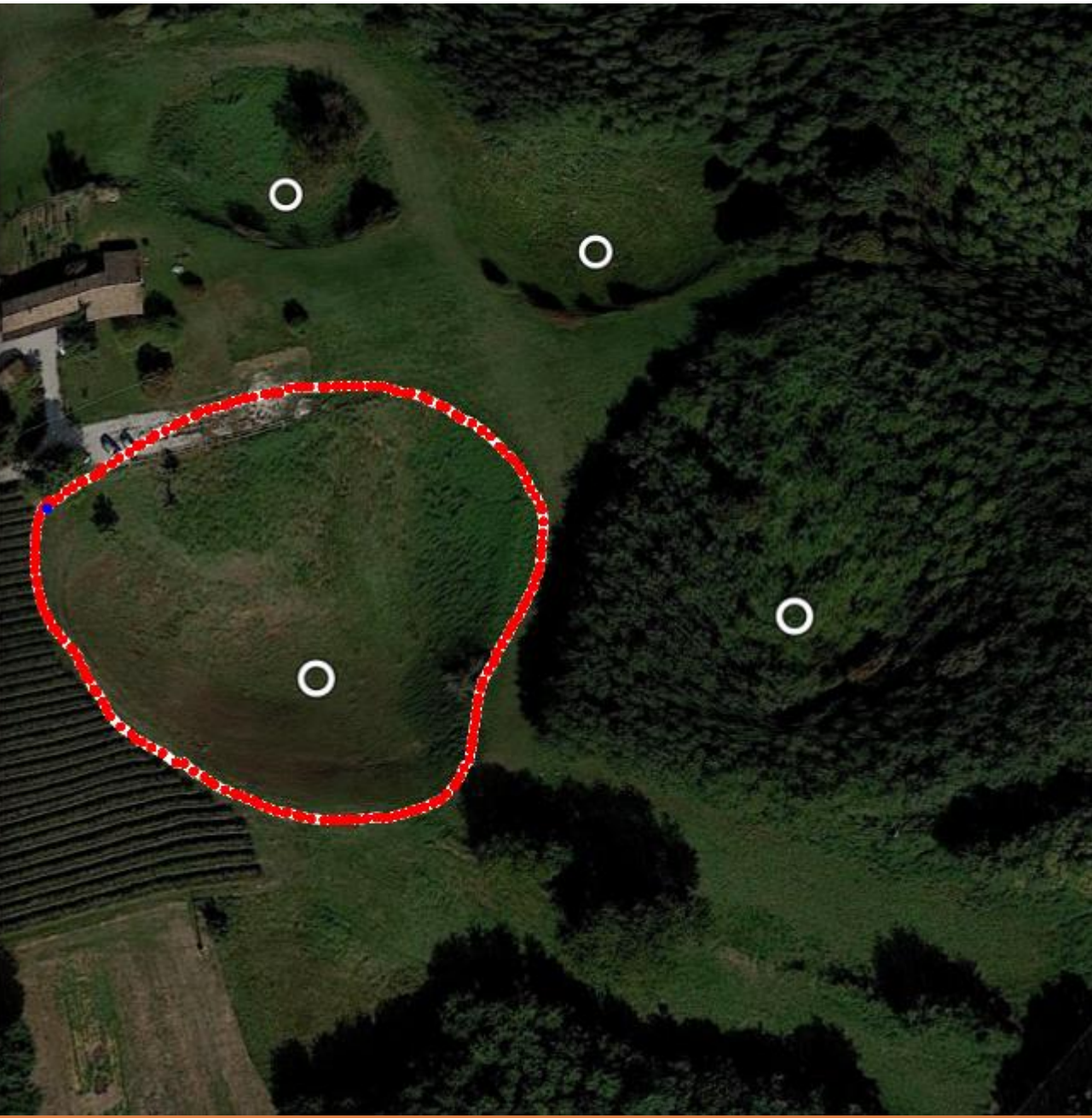
Google Earth - Edit Polygon

Name:

Description Style, Color View Altitude **Measurements**

Perimeter:	296	Meters
Area:	6,297	Square Meters

OK Cancel



# Obiettivi dell'esercitazione

Analisi morfometrica delle doline con misurazione del perimetro e dell'area attraverso i tools di Google Earth

Aprire il file «DOLINE MONTELLO GE.KMZ»

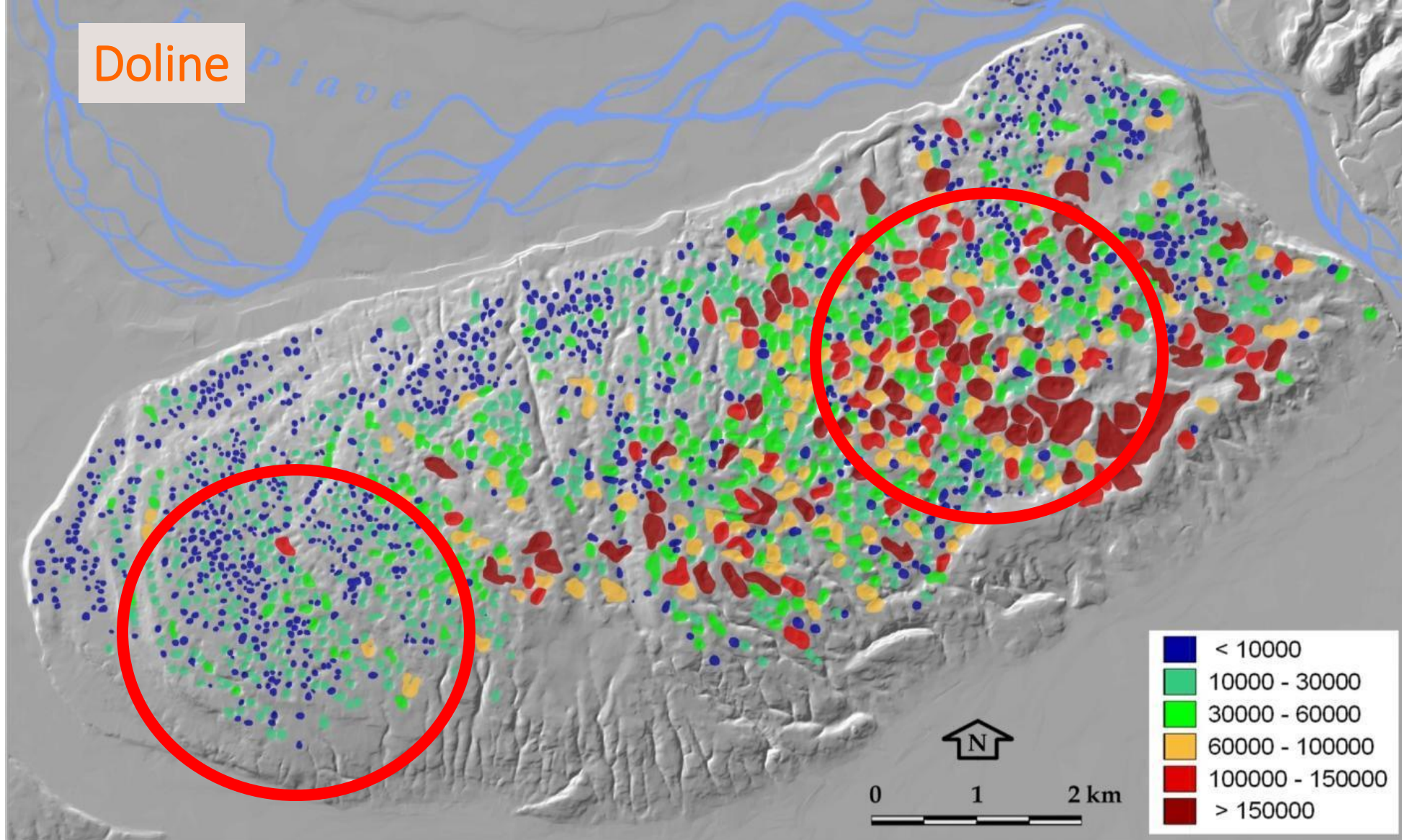
Tracciare con lo strumento «poligono» i perimetri del Gruppo 1 e del Gruppo 2

Annotare in una tabella i valori di area e perimetro (valore disponibile in ciascun file di tracciato)

Calcolare le media e metterle a confronto

Gruppo 1		Gruppo 2		Gruppo 1		Gruppo 2	
Dolina n.	Perimetro	Perimetro	Dolina n.	Area	Area		
1	45	98	1	125	543		
2	23	180	2	202	878		
3	84	143	3	150	652		
...	...	...	...	...	...		
MEDIA	51	140	MEDIA	159	691		

# Doline



Volumi delle doline in sei classi di valori espressi in metri cubi

Fine

