



# **State of the Map Europe 2023**

**A hiking map created by the Club**

**Alpino Italiano – Parma Section**

**By: Marco Barbieri**



Ph: Marco Barbieri

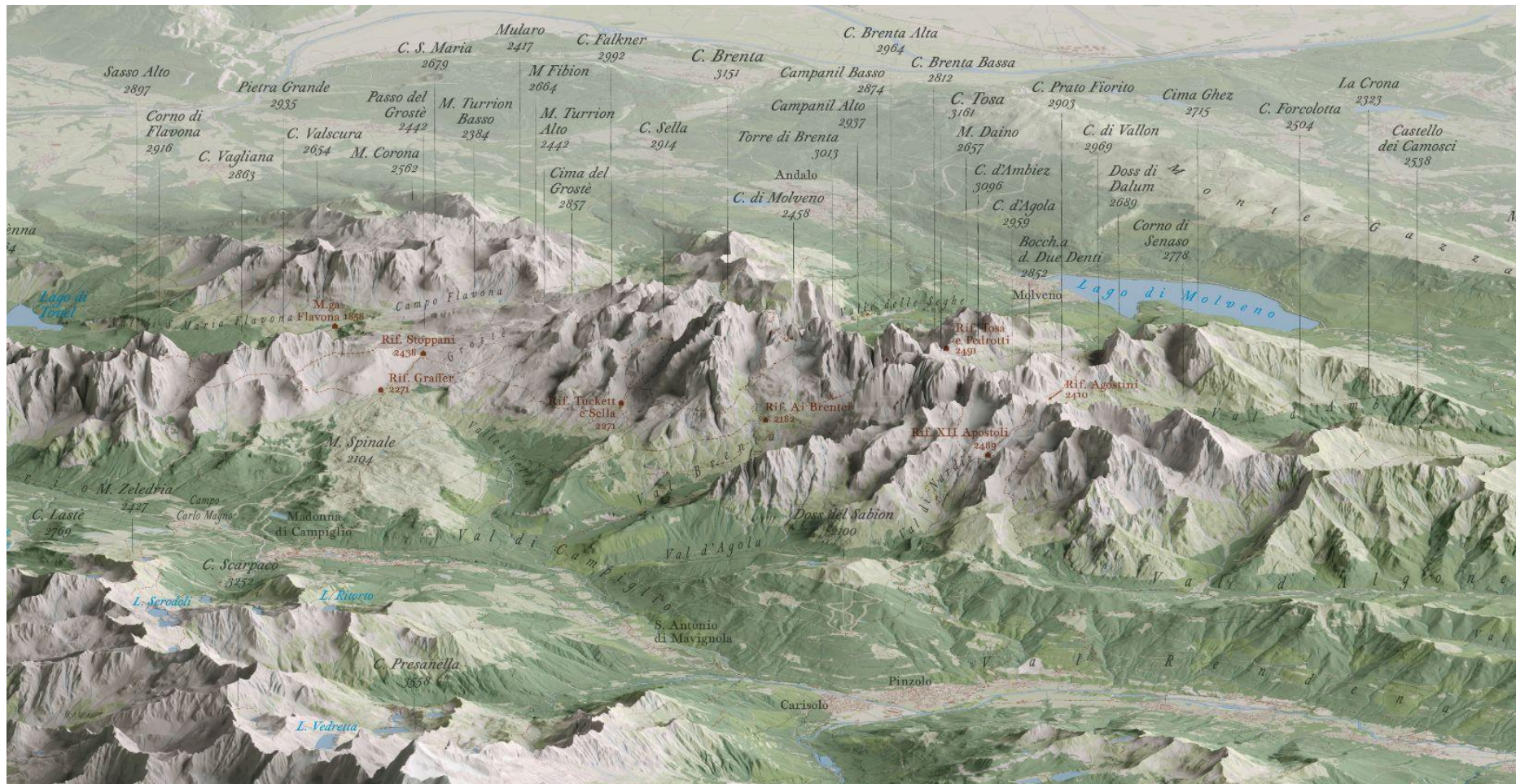
Mountain cartography





Map: Marco Barbieri, webmapp.it - Map data: © OpenStreetMap

Mountain cartography



Map: Marco Barbieri - Map data: © OpenStreetMap

# Mountain cartography



# La montagna nell'era del cambiamento climatico.

Roma - Teatro Italia  
25 - 26 novembre  
Congresso Nazionale  
Club Alpino Italiano



Club Alpino Italiano: trail maintenance

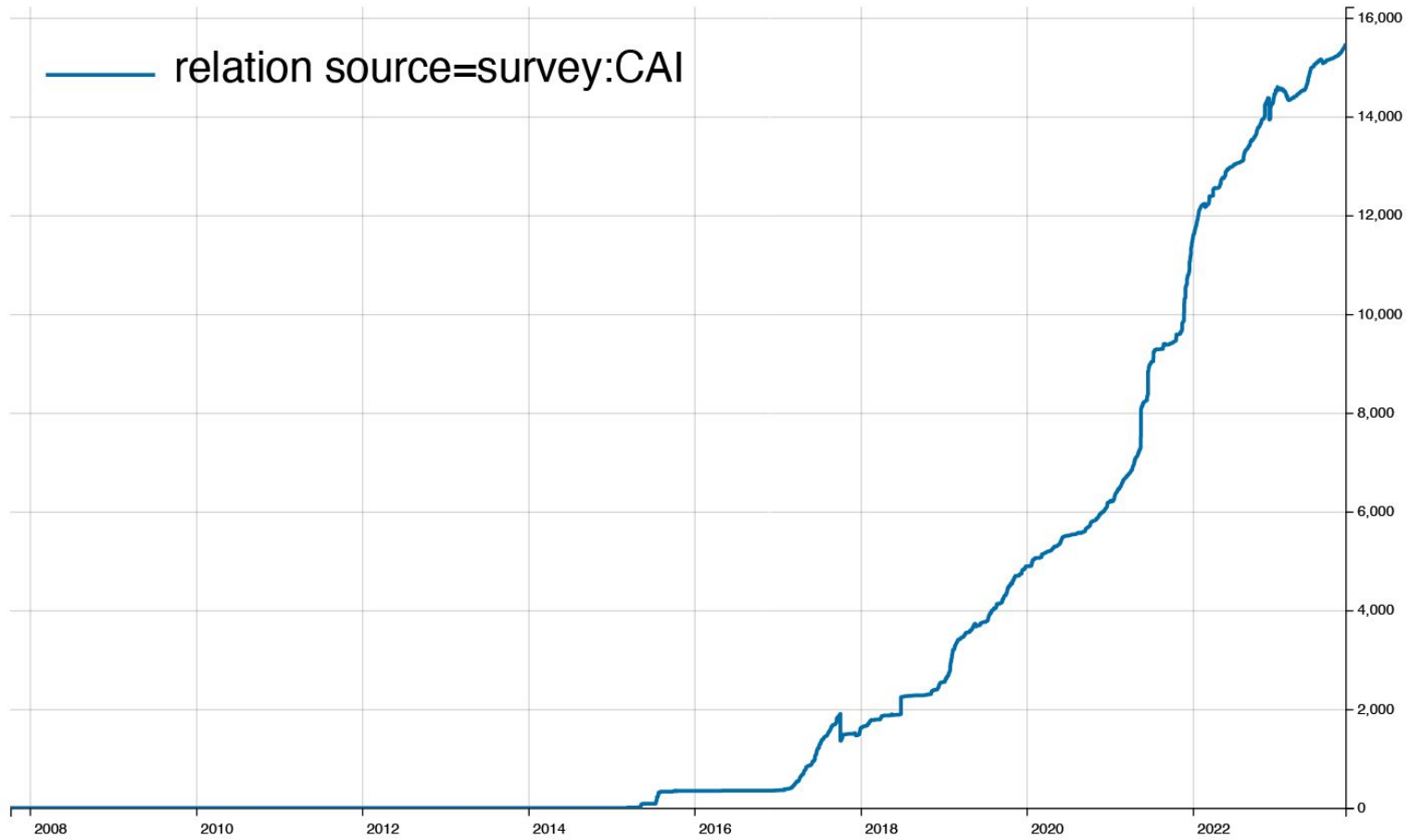


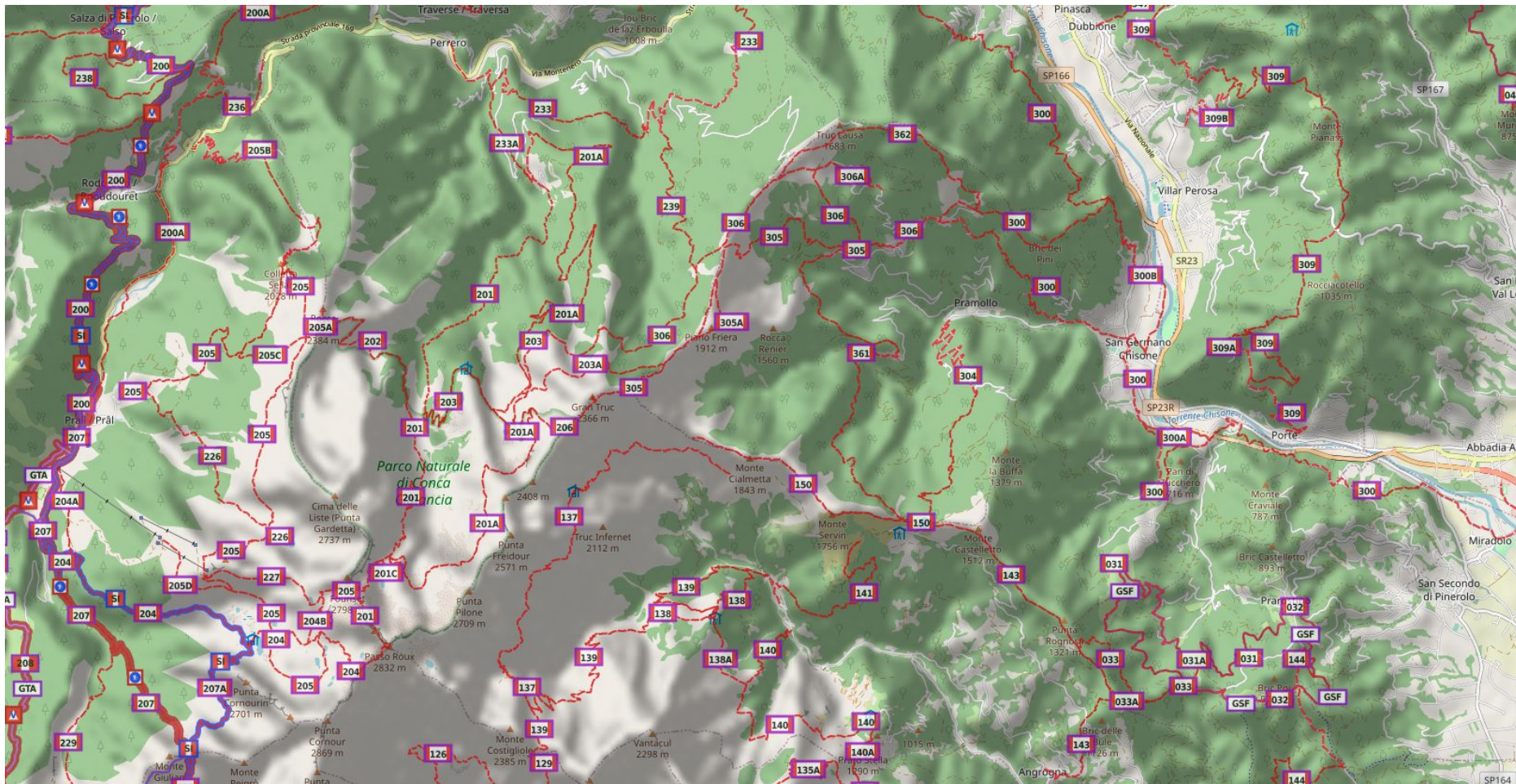
**2016**



Club Alpino Italiano and OpenStreetMap



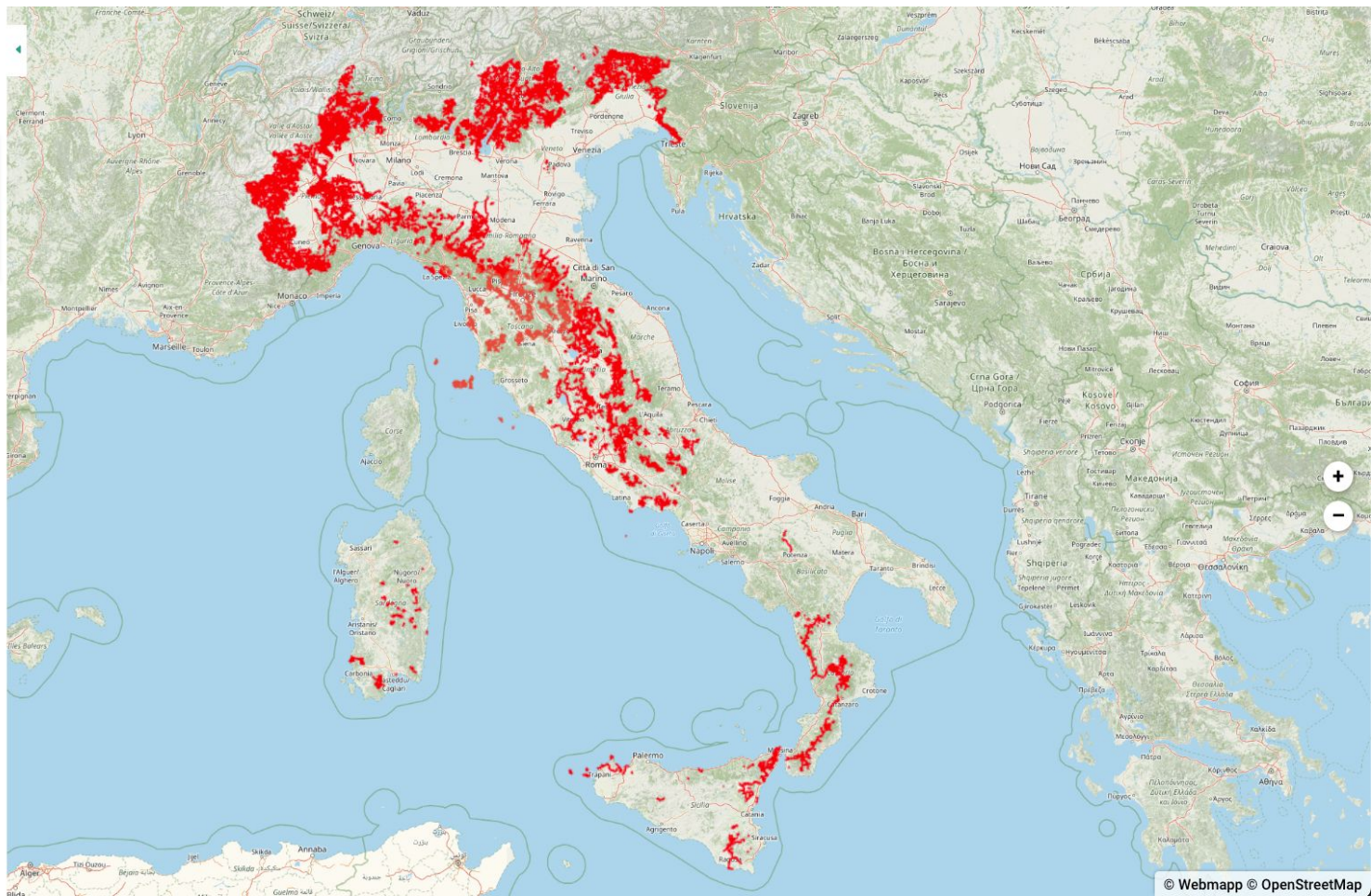




Ricerca



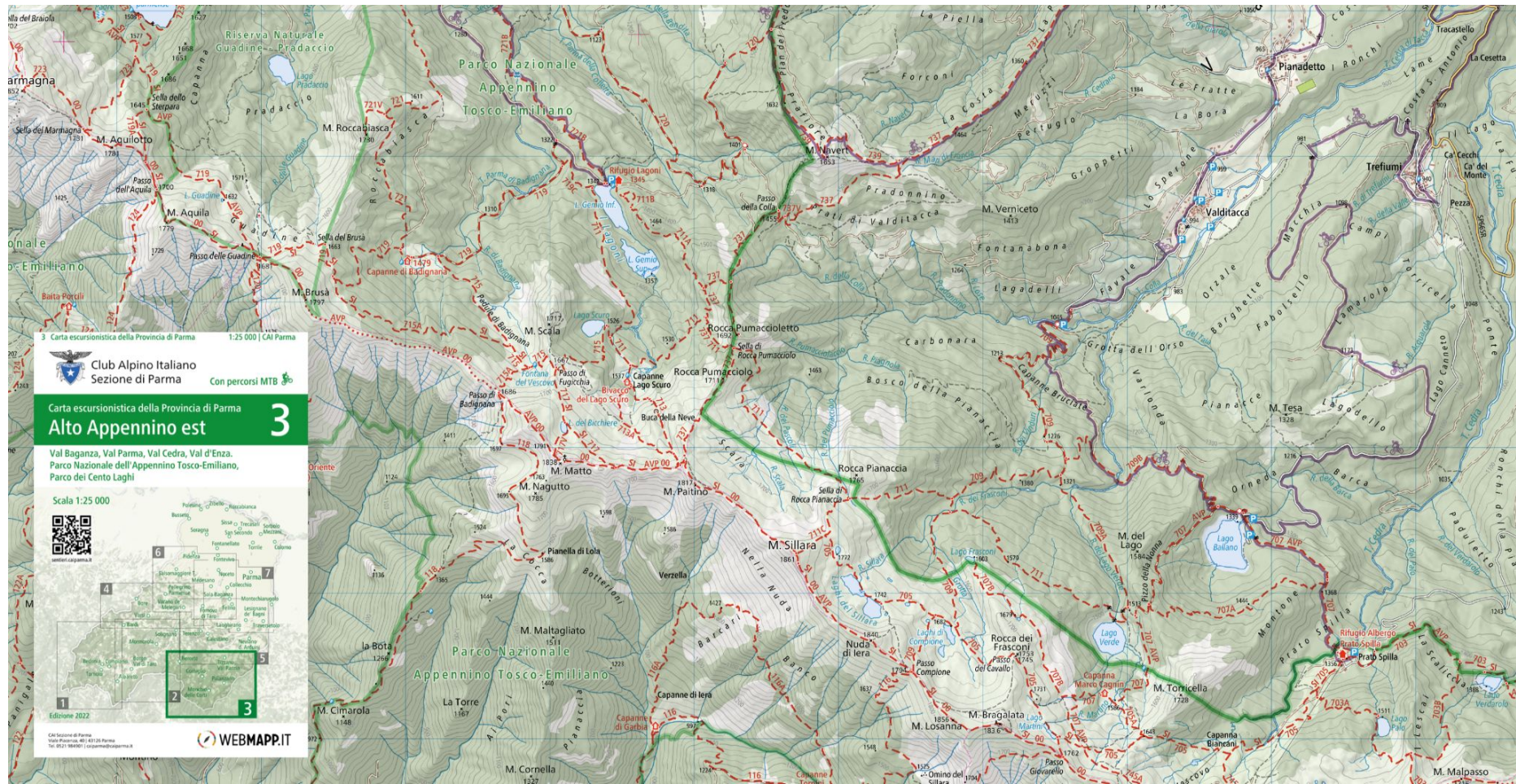
INFOMONT



© Webmap® OpenStreetMap

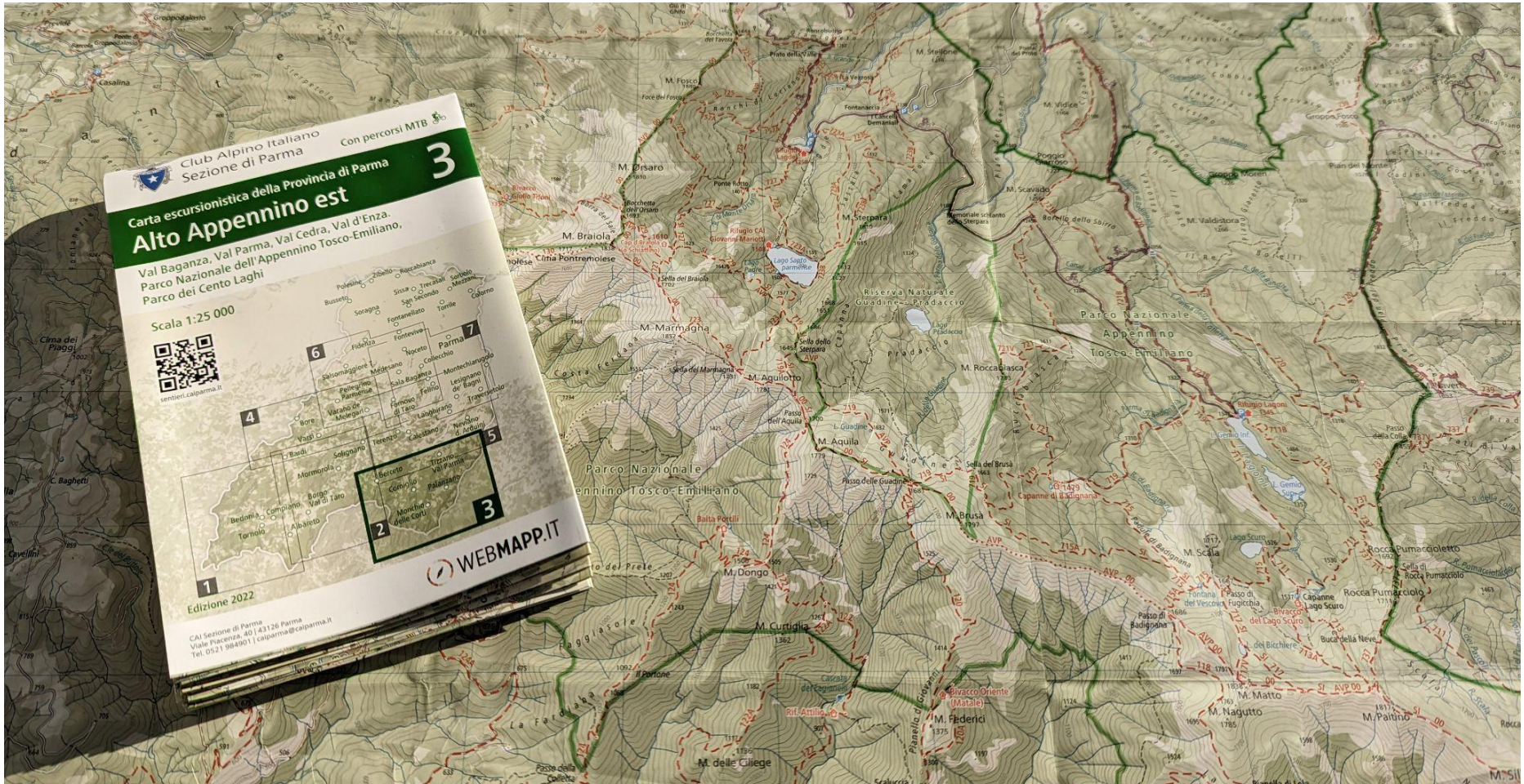
<https://infomont.cai.it/>

Club Alpino Italiano and OpenStreetMap



Map: Marco Barbieri, webmapp.it - Map data: © OpenStreetMap

Hiking trails maps of Parma Apennines



Club Alpino Italiano  
Sezione di Parma

Con percorsi MTB **3**

# Alto Appennino est

Val Baganza, Val Parma, Val Cedra, Val d'Enza,  
Parco Nazionale dell'Appennino Tosco-Emiliano,  
Parco dei Cento Laghi

Scala 1:25 000



Edizione 2022

CAI Sezione di Parma  
Viale Piacenza, 40 | 43126 Parma  
Tel. 0521 984901 | caiparma@caiparma.it



Hiking trails maps of Parma Apennines



**The hiker**  
Carlo Prosperi



**The biker**  
Piergiorgio Rivara



**The map maker**  
Marco Barbieri

The team (restricted operational working group)



**316 hiking routes for 1,500 km in length  
+  
1,200 guideposts with pictures**

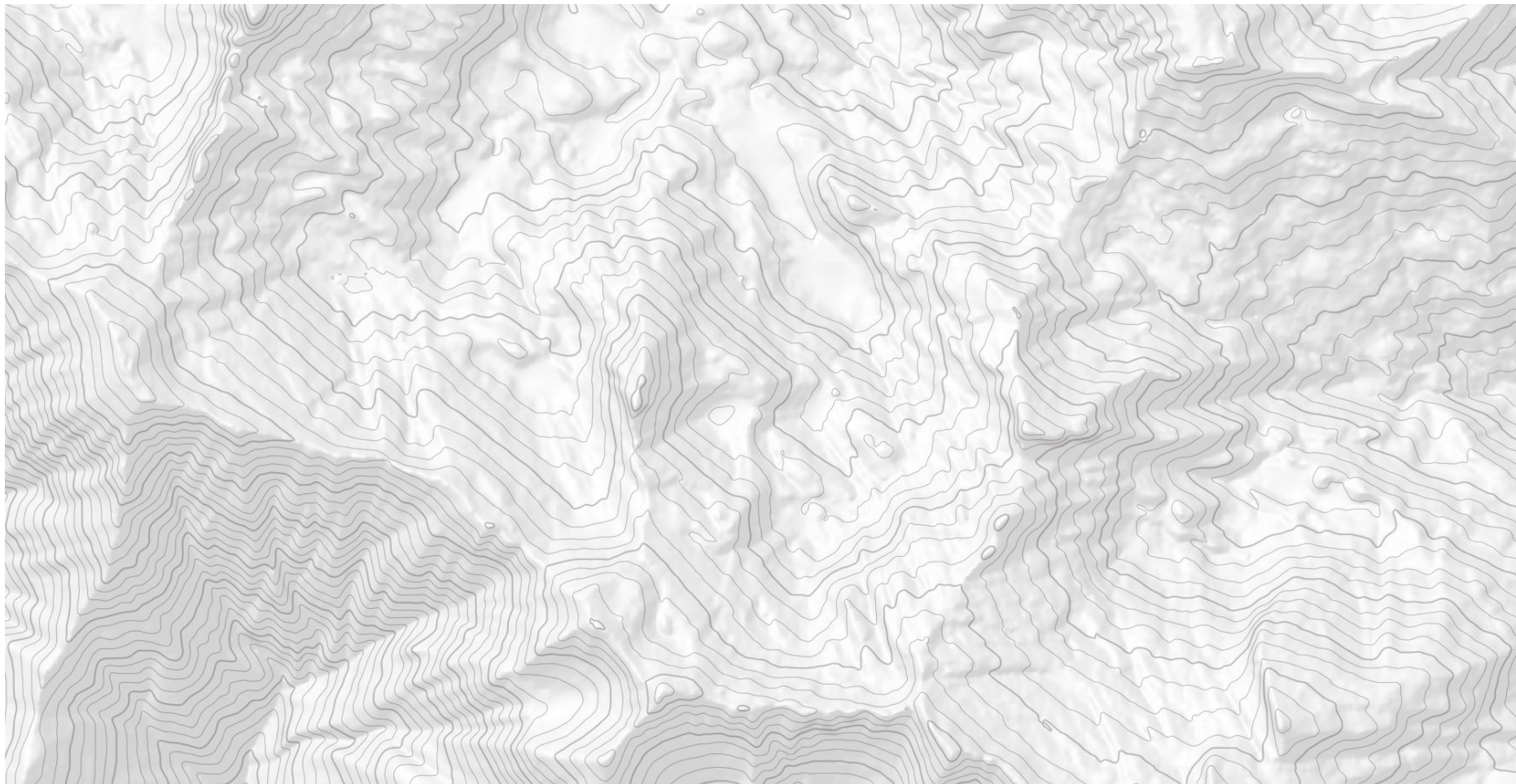
The team (CAI Parma volunteer members)



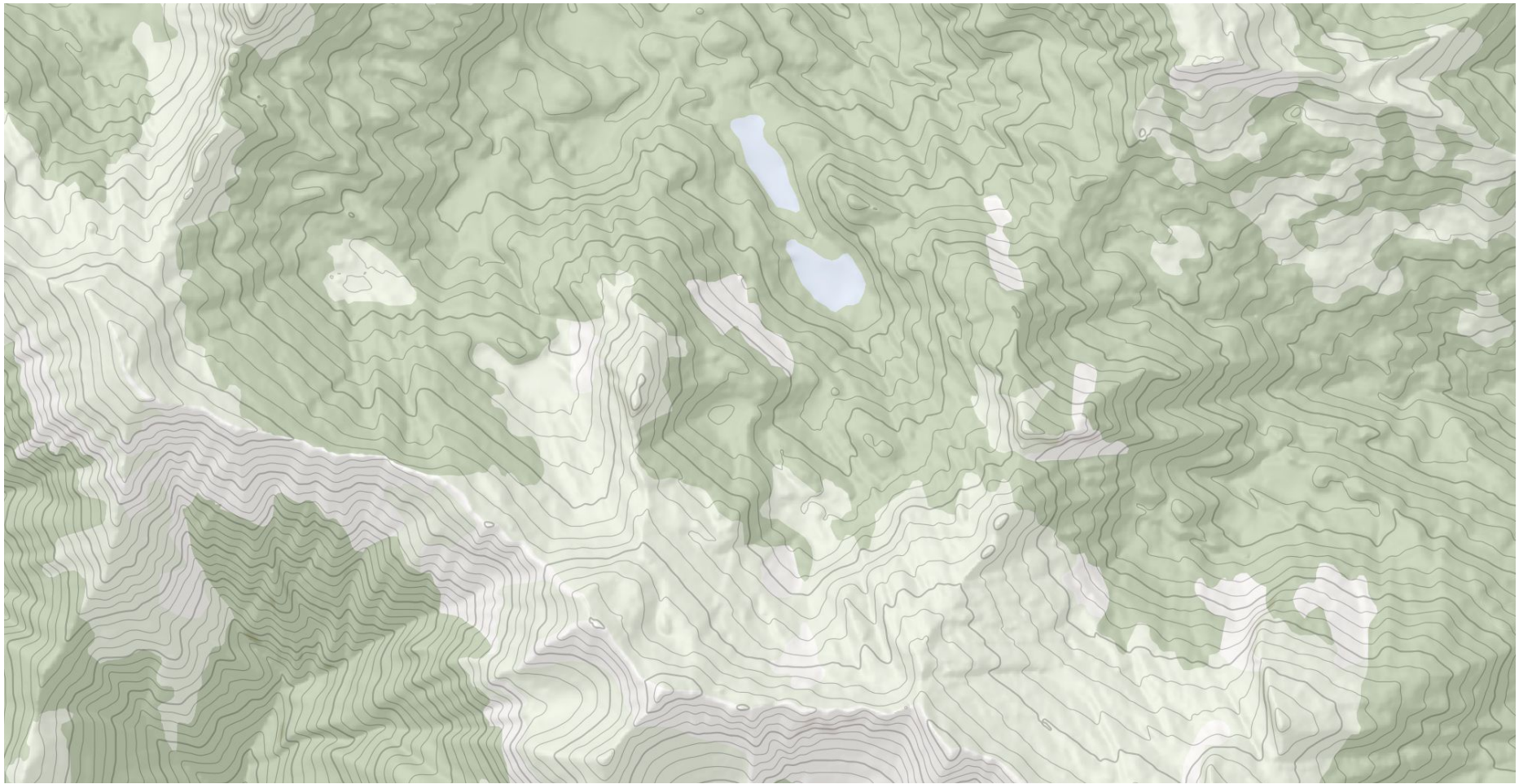
Map layers: hillshade

Map: Marco Barbieri, webmapp.it - Map data: © OpenStreetMap

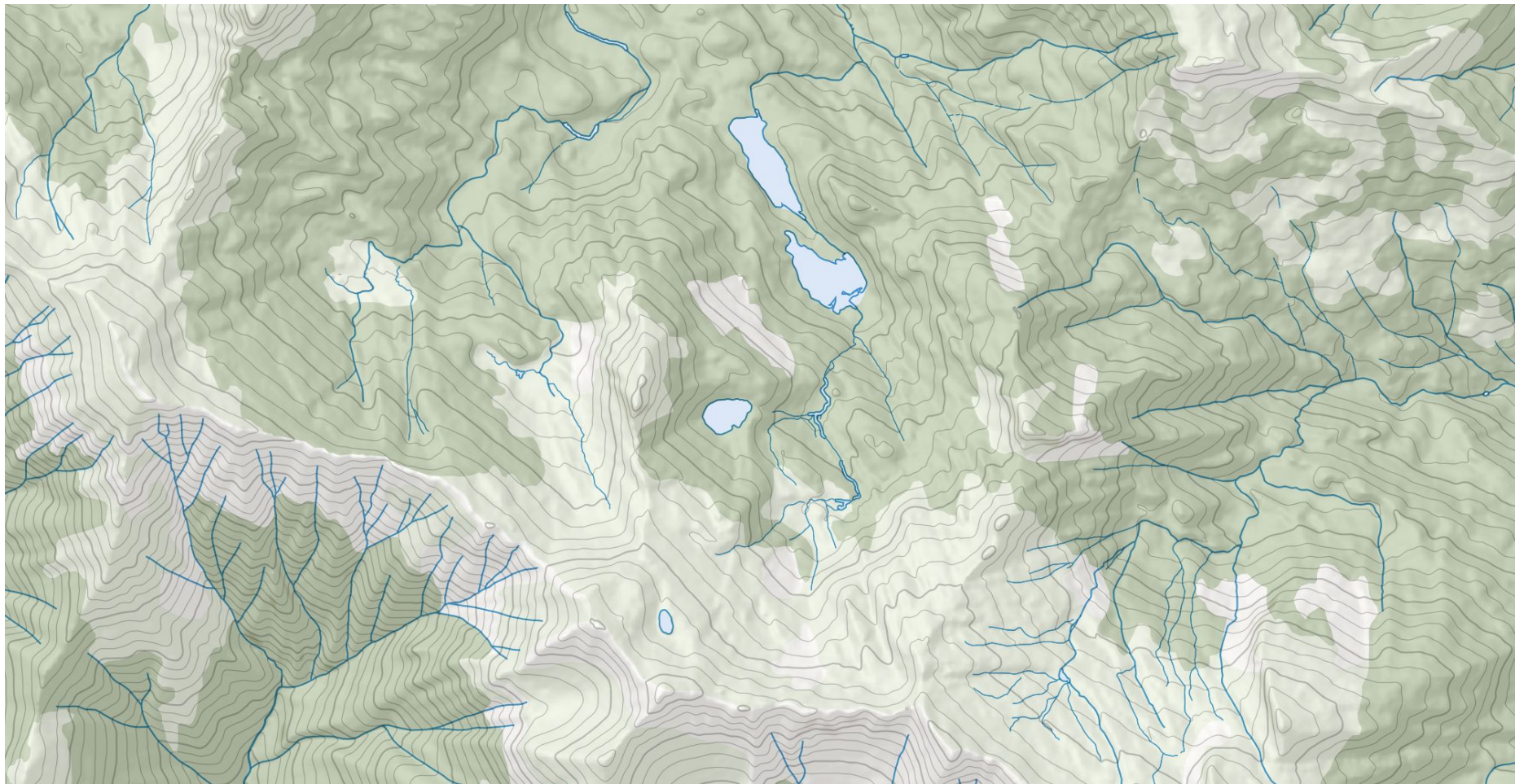




Map layers: contour lines

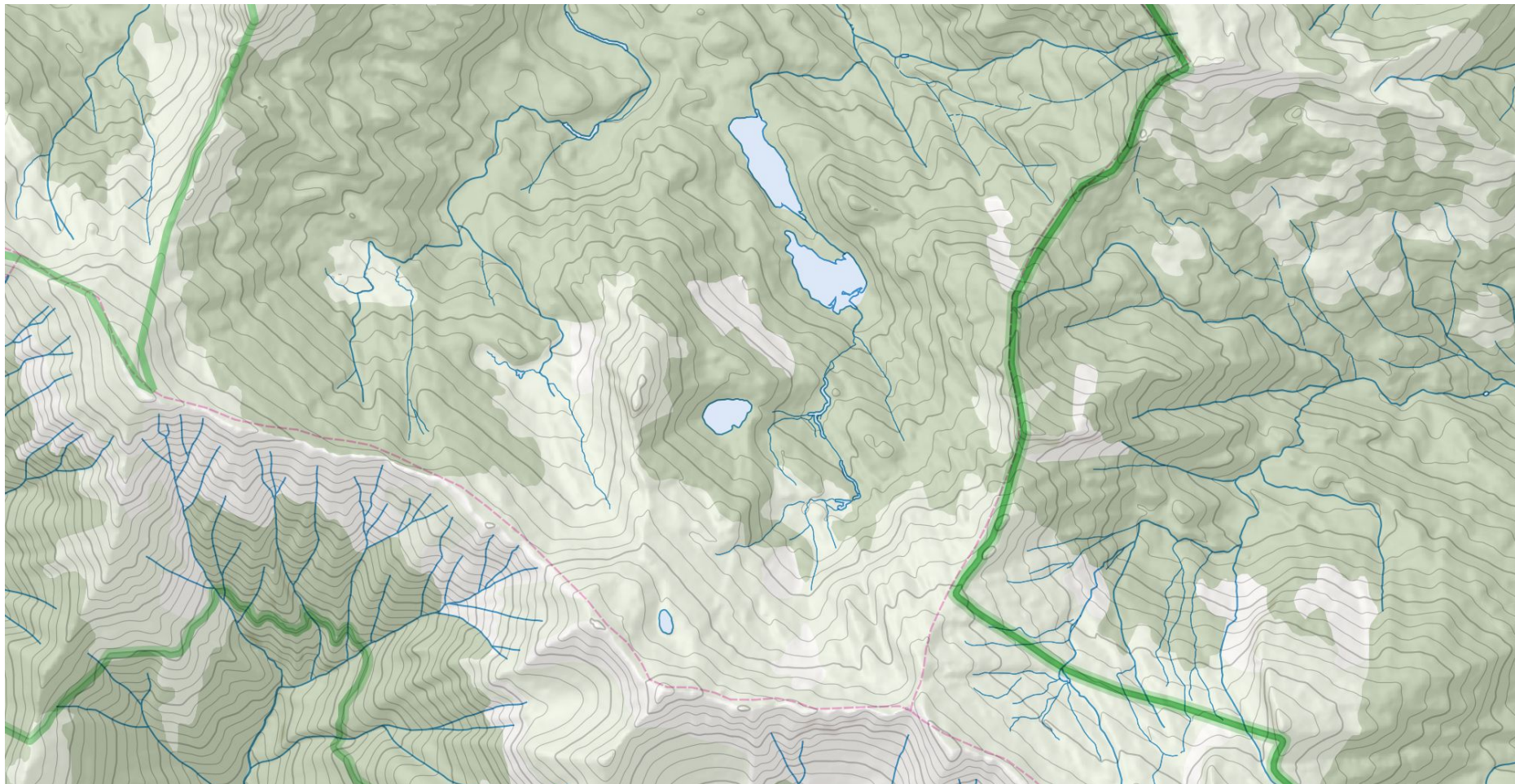


Map layers: land cover

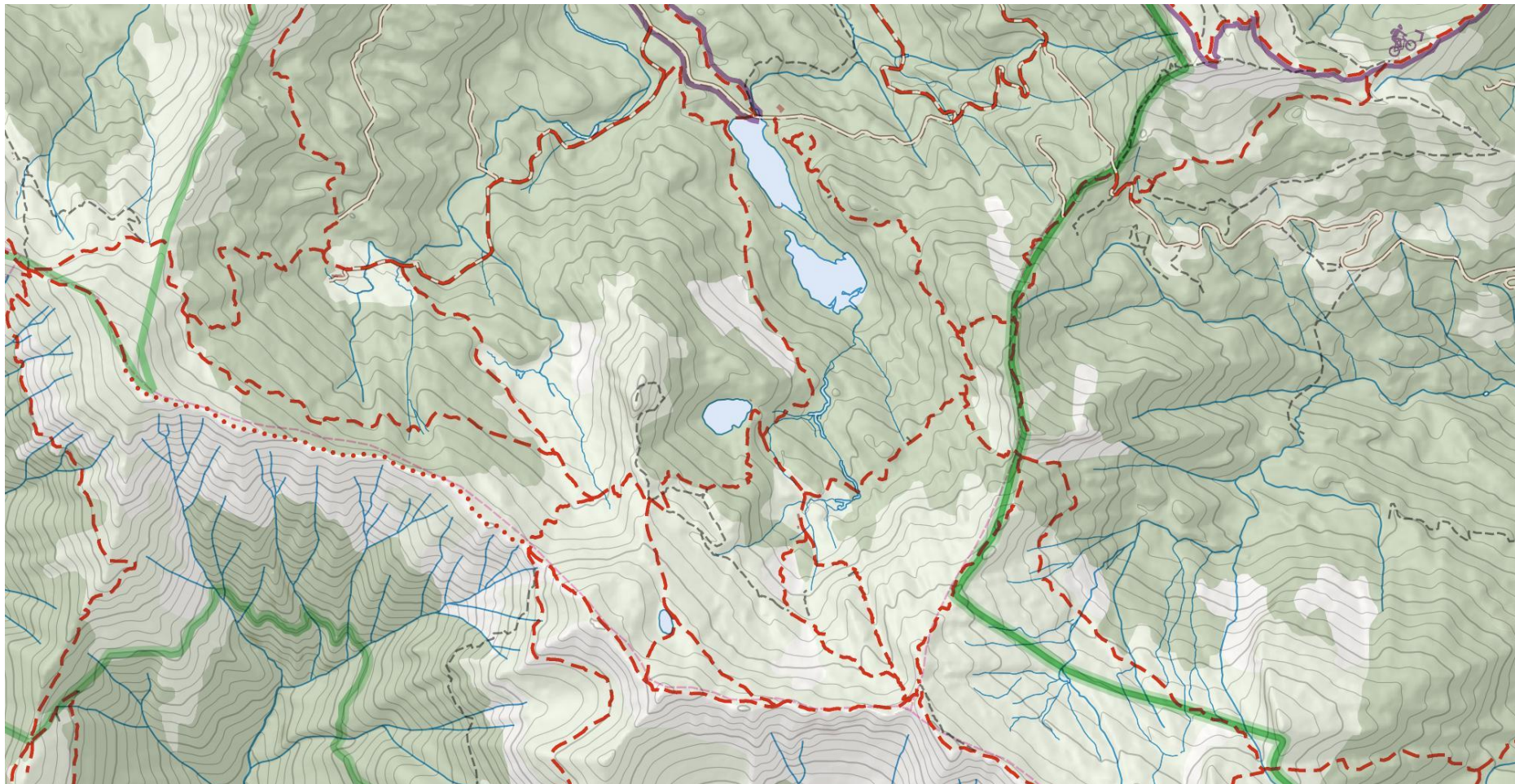


Map: Marco Barbieri, webmapp.it - Map data: © OpenStreetMap

Map layers: water features



Map layers: natural reserves borders



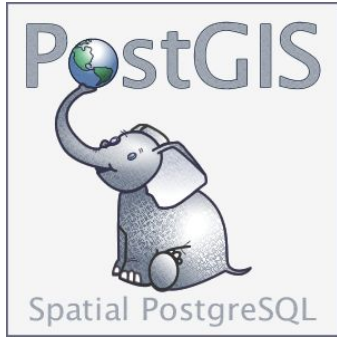
Map: Marco Barbieri, webmapp.it - Map data: © OpenStreetMap

Map layers: road and hiking trail network



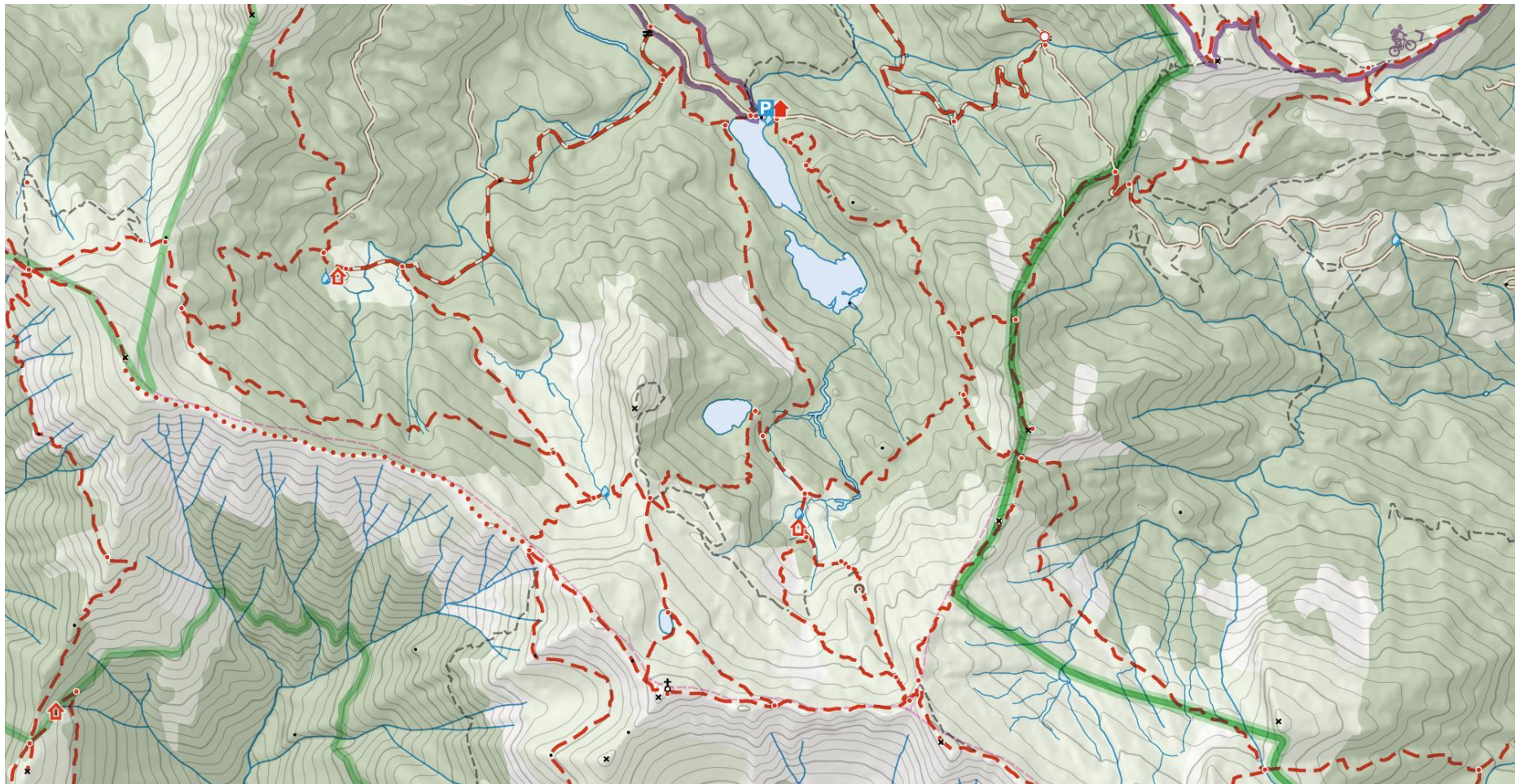
Software





MaPublisher

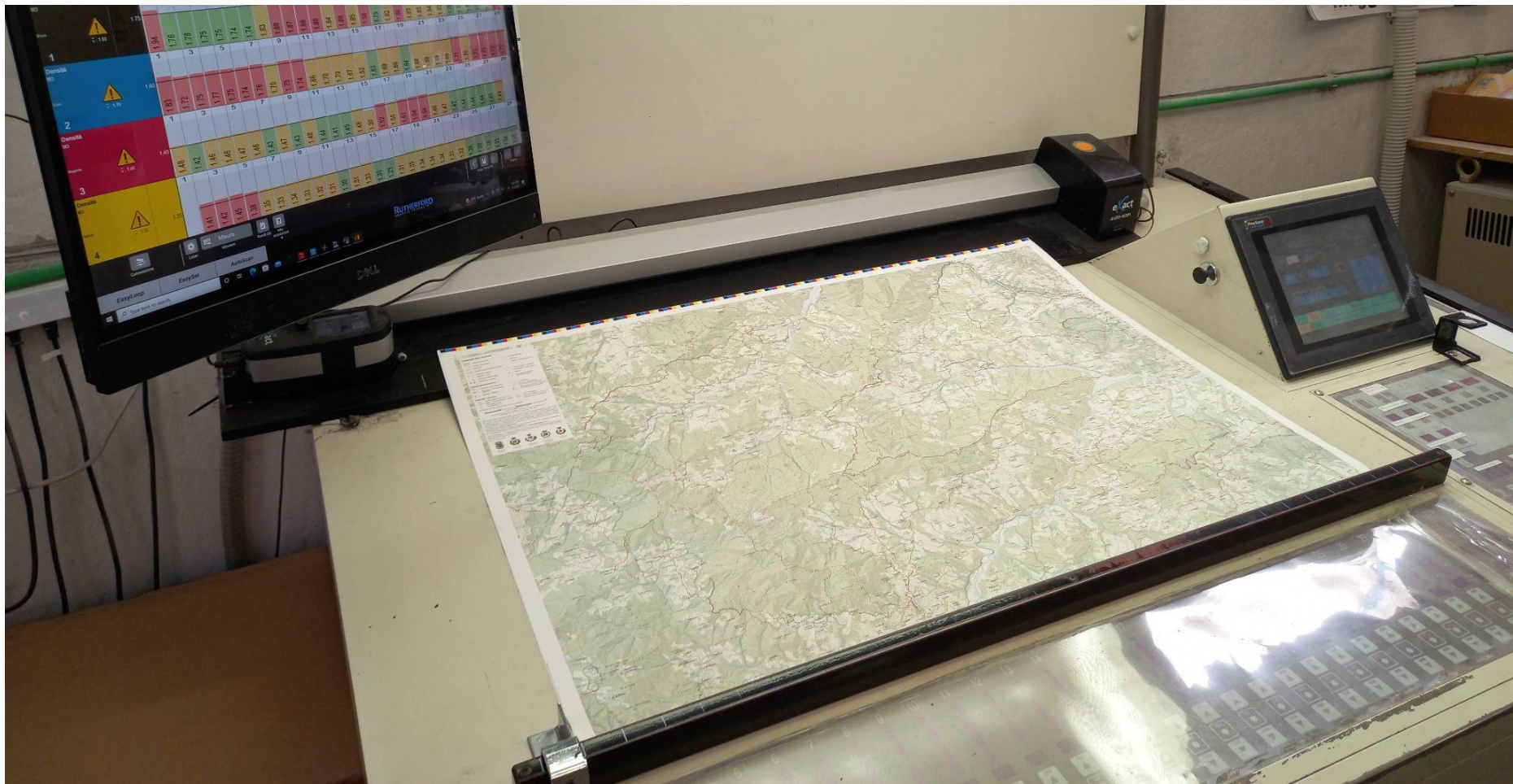






Map layers: names





CMYK printing



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ele=1525
hiking=yes
information=guidepost
name=721-zona M. Roccabiasca q.1525
note=maintened by CarloPro (CAI Parma)
note:it=mantenuto da CarloPro (CAI Parma)
operator=Provincia di Parma
ref=B066
source:ref=9224001
tourism=information
wikimedia_commons=File:It-pr-ldpB66.jpg
```

guidepost

```
ascent=700
cai_scale=E
descent=200
distance=6.4
duration:backward=02:30
duration:forward=03:00
email=sentieri@caiparma.it
from=Ponte del Cogno
name=Ponte del Cogno-Strada Lagoni-Roccabiasca
network=lwn
note=relation maintained by Capataz (CAI Parma)
note:it=relation mantenuta da Capataz (CAI Parma)
operator=Club Alpino Italiano - sezione di Parma
osmc:symbol=red:red:white_stripe:721:black
ref=721
route=hiking
rwn:name=Rete Escursionistica Emilia-Romagna
source=survey:CAI
source:ref=9224001
survey:date=2022-10-30
symbol=721 on white red flags
symbol:it=721 su bandierina bianca e rossa
to=Capanne di Badignana
type=route
website=https://www.caiparma.it/
```

hiking route

< A003 Monte Tavola Nord

LUOGHI DI POSA

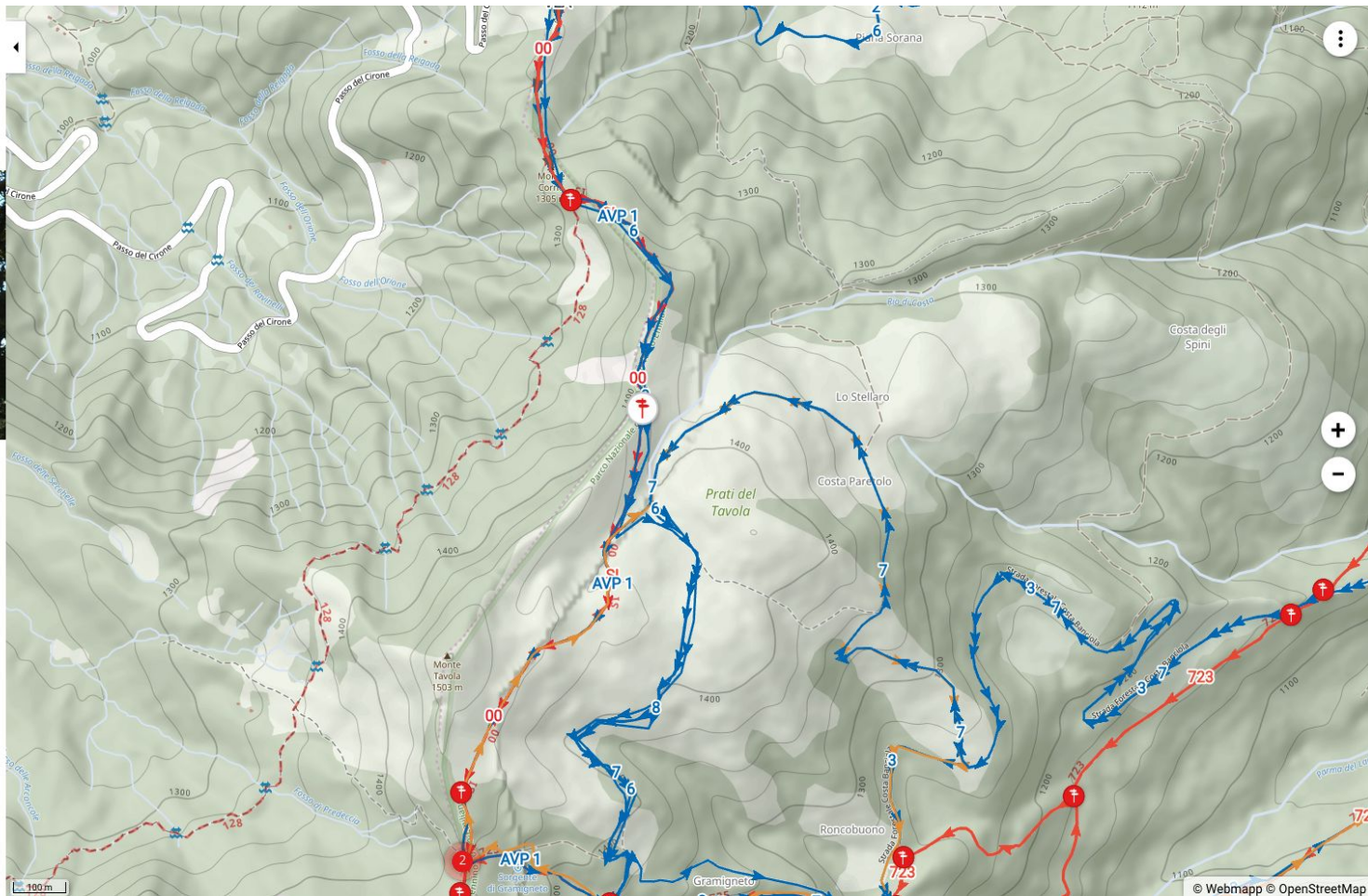
## A003 Monte Tavola Nord



ALTRE INFORMAZIONI

↑ Quota: 1410 m

📄 Vedi su OpenStreetMap



The online map of Parma Apennines hiking trails



- **Both the Italian Alpine Club and OpenStreetMap have been enriched by their mutual collaboration**
- **OpenStreetMap is the right solution for creating the Italian national hiking trails cadaster**
- **CAI Parma hiking trail maps have been created thanks to the OpenStreetMap “method”**





Ph: Marco Barbieri

Conclusions: Natur Kosovo Project



Ambasciata d'Italia  
Pristina



NATURKOSOVO  
NATURKOSOVO



Conclusions: Natur Kosovo Project



# State of the Map Europe 2023

**Thank you!**

Marco Barbieri  
[marcobarbieri@webmapp.it](mailto:marcobarbieri@webmapp.it)

