



## **Field Trip May 24, 2024: Foot-on the 2016 surface faulting**

The 1-day field trip is planned to give the participants the opportunity to visit a few sites where the 2016 ruptures are still well visible and to get panoramic views of the whole area to stimulate discussion of different topics such as: 2016 surface faulting and earthquake source modeling, impact of pre-existing tectonic structures on the rupture complexity and segmentation, geomorphic long-term evidence of the seismogenic fault and paleoearthquakes.

### ***Schedule***

**8:30. Bus Transfer to Castelluccio di Norcia**

**9:15 - 10:45. (1) Mt. Prata Antithetic Fault Surface Rupture (30th October 2016) and (2) Sibillini fault system landscape.** *1h TWT (Two Way Time) walking on a dirt road (3.2 km total); 50 m of difference in altitude.*

**11:00 - 12:45. (3) The Fonte San Lorenzo Antithetic Fault Surface Rupture (30th October 2016).** *1h TWT walking on a flat grassy trail (3.5 km total).*

**13:00 - 14:15. Lunch at restaurant “Da Mamma Ida”.**

**14:30 - 16:00. (4) Valle delle Fonti Surface Rupture (30th October 2016).** *1h TWT walking on a dirt road and grassy trail (3.8 km total); 50 m of difference in altitude.*

**16:00 - 16:15. (5) Castelluccio Plain Surface Rupture (30th October 2016).**

**16:30 - 17:15. (6) Mt. Vettoreto Surface Rupture (24th August and 30th October 2016) and Laga Fault System Lookout.** *20' walking on a stony and grassy trail (0.5 km); 50 m of difference in altitude.*

**17:30 - 20:30. Bus Transfer to Rome (INGV).**

### ***General advices***

The trip takes the participants through a high plain (1270-1750 m a.s.l.), inset into a mountainous region (up to 2476 m a.s.l.).

Considering the season, pack the appropriate clothing, gear, and tools for the expected variable climatic conditions and physical fitness: it can be both cold and rainy or mild and sunny.

Since it is planned to cover short walking distances on rough routes, trail boots and raincoats are strongly recommended.

The schedule can be adjusted by organizers according to weather conditions.

### ***References***

Use the QRcode to direct link/access to a bibliography collection:

