



ROCKSLIDE HAZARD ON PIZ CENGALO AND IN BONDASCA VALLEY

IMPORTANT INFORMATION REGARDING CURRENT HAZARDS ON HIKING TRAILS AND CLIMBING ROUTES

In December 2011, there was a rockslide on Piz Cengalo. Since then, there continue to be rockfalls and rockslides.

Geological investigations have shown that Cengalo has large rock masses that are moving. Another rockslide will take place in the foreseeable future!

Here, you can orient yourself about the danger zone and the measures that have been taken to protect you.



The rockslide on Piz Cengalo, 2011

In the December 2011 rockslide, 1.5 – 2 million m³ of rock broke off the northern slope of Piz Cengalo. The rock mass plummeted approximately 2.5 kilometers down into Bondasca Valley.

Rockfall on Piz Cengalo

Since 2011, there continue to be rockfalls in the rockslide area. Almost daily, stones and boulders come down. They can fall on the trail that connects the SAC huts. Therefore, this trail has been closed for security reasons until further notice. Also, the climbing routes on the north side of Piz Cengalo and the Bugeleisen area are in danger. Taking these routes is not advised.

Another rockslide is coming!

Since August 2012, the entire northeast flank of Piz Cengalo has been measured with radar. **The measurements of July 2017 indicate a clear increase of the speed**, corresponding to several centimeters a year. In total, there are approximately 5 million m³ of rock in movement. It is believed that in the **upcoming weeks and months**, part of this unstable rock mass will break off in the form of **landslides or rockslides**. In case of a rockslide her dimension could reach 2-3 million m³ maximum (more than in the 2011 event). The remaining 2 million m³ of rock is likely to break off as a rockslide from Piz Cengalo. A rockslide is possible at any time!
Please mind the specified danger areas!

Comune di Bregaglia, 14.08.2017

Further information/Contacts

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Information date on this poster: June 2015

Ascent to the alpine pasture of Lera via Bondasca Valley
Not in danger.

Ascent to SAC Sasc Fura Hut
Partially in the danger zone!
HEIGHTENED RISK! Avoid staying in this area!

SAC Sasc Fura Hut
Faraway from the danger zone.
Not in danger.

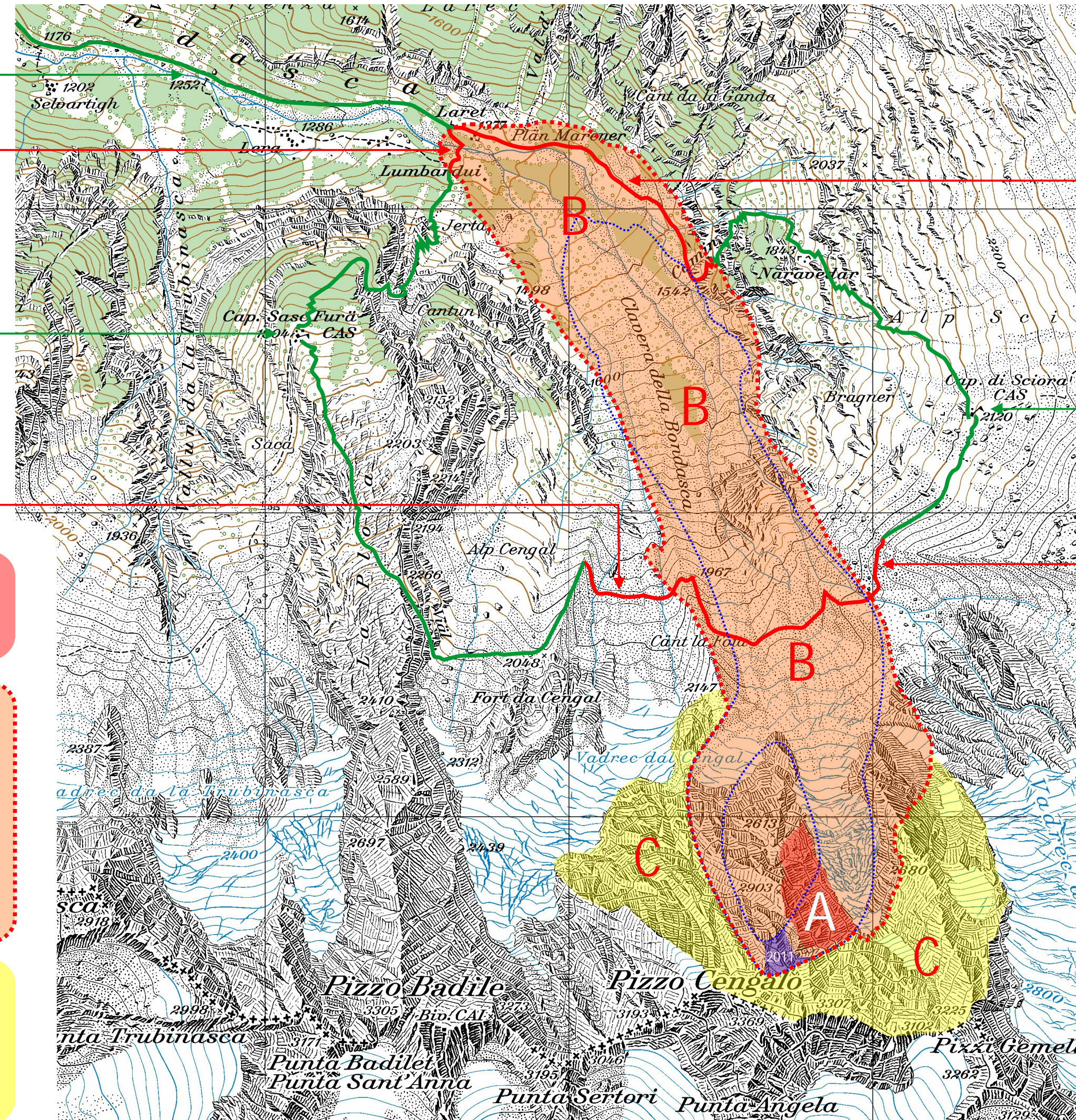
Connecting Trail from Sciora Hut to Sasc Fura Hut:
UNTIL FURTHER NOTICE COMPLETELY CLOSED!
On this trail there is not only danger of rockslides, but also danger of falling rocks and boulders!
LIFE-THREATENING!

A
Unstable Rock Masses
In this area, there is approximately 3.7 million m³ of rock mass in movement. Of this, approximately 2.2 million m³ will crash down into the valley in the foreseeable future.

B
DANGER ZONE
The danger zone corresponds to the path of the rockslide, which will form in the foreseeable future. A rockslide spreads itself out more than 100km/h and will only take a minute to reach the northern end of the rockslide path!
Already now, there is a higher than average rate of rockfalls and rockslides within the danger zone.

AVOID THIS DANGER ZONE!

C
All climbing routes on Cengalo's north side and the Bugeleisen area are in danger. **IT IS NOT RECOMMENDED TO TAKE THESE ROUTES UNTIL FURTHER NOTICE.**
During a rockslide, you can count on a pressure wave of dense clouds of dust, stone splinters and rockfalls along the entire north side of Cengalo.
LIFE-THREATENING!



Ascent to SAC Sciora Hut
Partially in the danger zone!
HEIGHTENED DANGER! Avoid staying in this area!

SAC Sciora Hut
Faraway from danger zone.
Not in danger.

Connecting Trail from Sciora Hut to Sasc Fura Hut:
UNTIL FURTHER NOTICE COMPLETELY CLOSED!
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LIFE-THREATENING!



Piz Cengalo on 28 December 2011 – one day after the rockslide. Photo: M. Negrini

The 2011 rockslide
2011 On 27 December 2011, 1.5 to 2 million m³ of rock broke off.

The rockslide path of the 2011 rockslide