

## Field Trip Information, Tuesday 18<sup>th</sup> October

### Some of the Highlights

- or what we will see -

- The field trip will be a foot excursion
- Laacher See caldera and volcanic complex
- Natural CO<sub>2</sub> emanations out of the lake
- Dry mofettes
- Bubbling springs
- Quaternary and tertiary volcanic fields
- ... ..



### Weather

*Even if the forecast is very good...*

It might be cool (5-10 °C),  
wet and eventually foggy.  
Frost is possible, precipitation as well.

*Please wear appropriate clothes and shoes to keep  
you warm and dry!*



## Itinerary

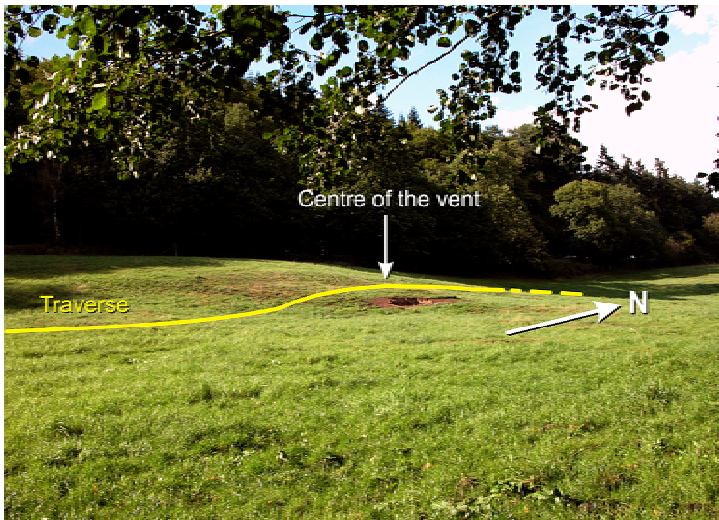
The start will be after breakfast in front of the Seehotel in Maria Laach. From there we will visit sites in the surrounding of Laacher See. The whole trip will be a foot excursion. We will usually stay on farm or forest roads/paths that are generally easy to walk but may be muddy in places.

The lake and caldera are nature reserves. Please behave appropriately.

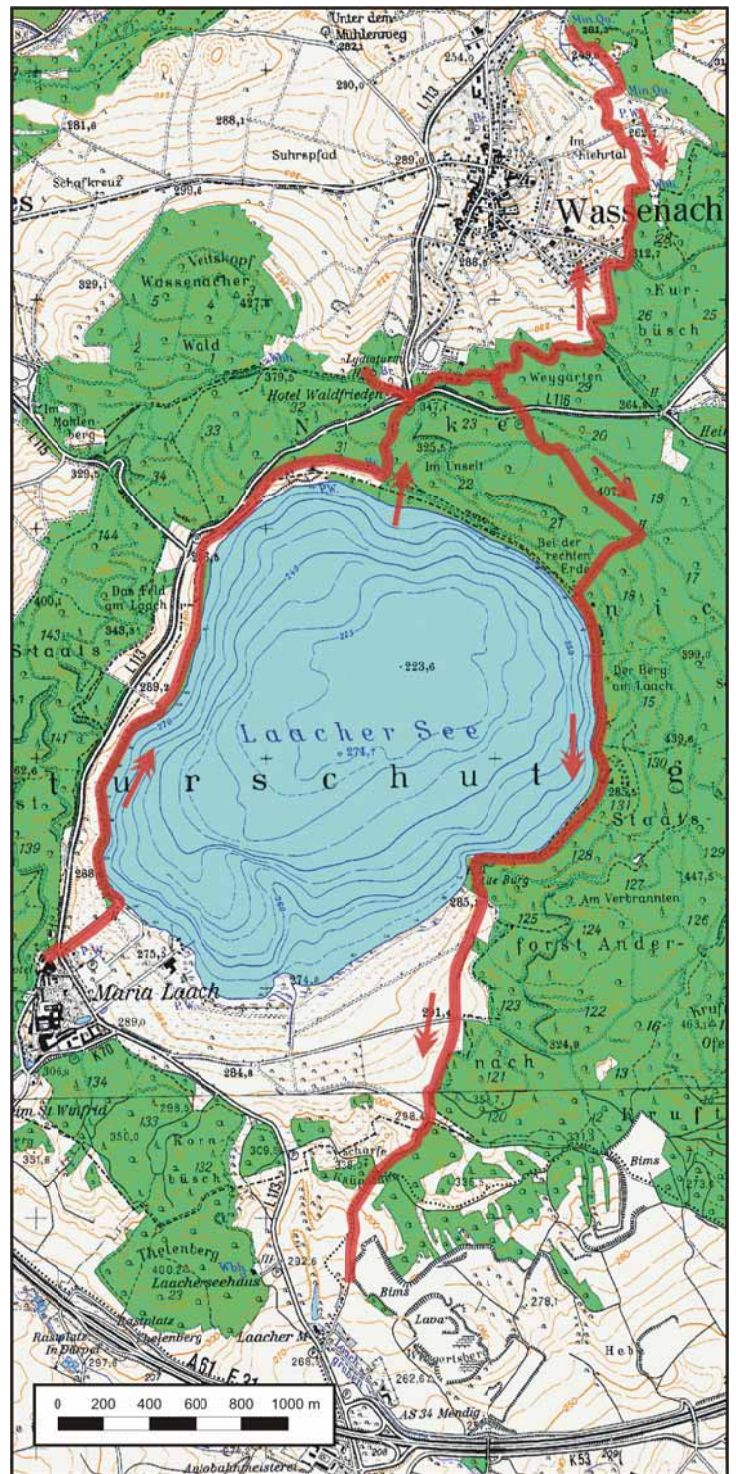
Sunset at about 6 pm determines the end of our excursion. We try to show as much as possible of the beauty of the landscape and the natural CO<sub>2</sub> phenomena, but depend also on the weather.

Lunchboxes will be provided.

First, we will walk along the meadows at the western shore of the lake where some terrestrial CO<sub>2</sub> vents are present.

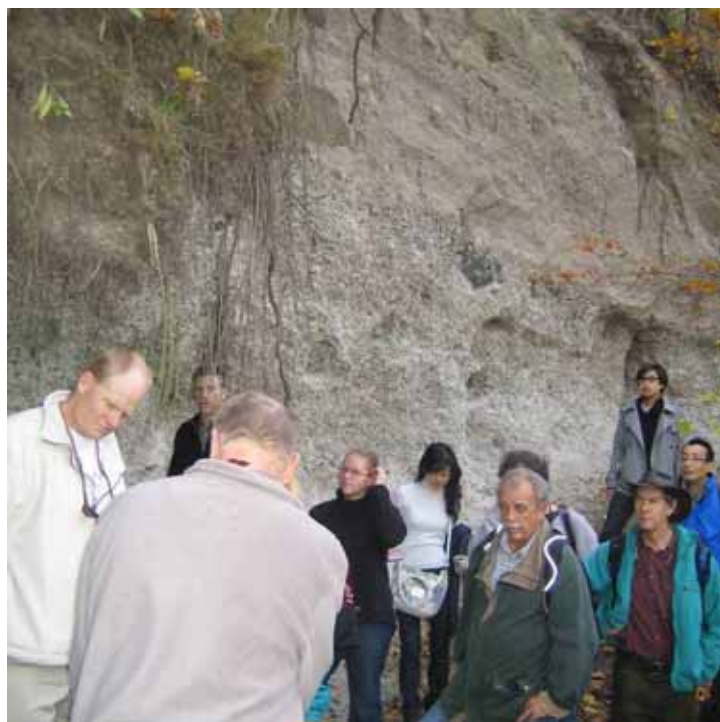


A visit of "Lydiatum" look-out provides an overview of the Laacher See caldera (km 3.65). From there, we will continue to a small valley near "Wassenach" where we can find two carbonic springs and other indications for CO<sub>2</sub> emanations (km 6.75).



Back to the ridge of the caldera, it should be time for lunch (km 9.0).

Refreshed, we will continue our foot excursion to the eastern side of Laacher See: Geological outcrops and features of CO<sub>2</sub> gas releases will be shown and explained (at km 12.3 shortcut to "Seehotel" (2km)).



The excursion will end at the world-famous "Wingertsbergwand" outcrop (km 14). The impressive, 30m high wall shows the complete stratigraphy of the volcanic deposits related to the Laacher See eruption about 13'000 years ago.

Since Wingertsbergwand is almost in the centre regarding the distances to the various hotels, we propose two different approaches from there:

1. Return to the hotels, for those who have to leave early, or want to relax or prepare a presentation for the next workshop day.
2. Informal networking for those who want to have beer and food in a small local brewery located on top of former basalt mines (<http://www.vulkanbrauerei.de>). Food and beer are recommended. Individual payment; a decent dish and a beer cost approx. 20 €.

Return to the hotels will be on an individual basis. We could order taxis or still continue the walking exercise.

Looking forward to seeing you there!



(from: [http://de.wikipedia.org/...Wingertsbergwand\\_Laacher\\_See\\_2010.jpg](http://de.wikipedia.org/...Wingertsbergwand_Laacher_See_2010.jpg))

