



After the Mobility

Table D - Traineeship Certificate by the Receiving Organisation/Enterprise

Name of the trainee: Emese Oelberg-Pánczél

Name of the Receiving Organisation/Enterprise: Istituto Nazionale di Geofisica e Vulcanologia, Osservatorio Etneo (Catania)

Sector of the Receiving Organisation/Enterprise: Earth Science

Address of the Receiving Organisation/Enterprise[street, city, country, phone, e-mail address], **website:** Piazza Roma 2, Catania, Italy, +390957165800 (secretary), <https://www.ct.ingv.it/>

Start date and end date of the complete traineeship (incl. virtual component, if applicable): identical to below

Start date and end date of physical mobility: from [day/month/year] 01. 04. 2024. to [day/month/year] 31. 05. 2024.

Traineeship title:

Monitoring an active volcano: Mount Etna (Italy)

Detailed programme of the traineeship period including tasks carried out by the trainee:

Participation in volcano monitoring and surveillance activities, observation of eruptive activity, mapping and sampling of eruptive products, general fieldwork, introduction to geophysical methods and gas monitoring; institutional communication and public outreach

Knowledge, skills (intellectual and practical) and competences acquired (achieved Learning Outcomes):

Emese Oelberg-Pánczél has participated in multiple activities both in the office and in the field, covering a broad range of disciplines – from geophysical to fieldgeology and volcanology, including visits to the active summit craters of Mount Etna. She has been introduced into such disciplines by experts in gas geochemistry, geology, GPS monitoring and maintenance of monitoring networks. Aspects of volcanic risk evaluation and communications have been covered as well. This has served to give her a profound knowledge of what the study, monitoring and surveillance of an active and potentially dangerous volcano in a very densely populated area represents and how important it is for the protection of human lives and property.

Evaluation of the trainee:

Emese Oelberg-Pánczél is an enthusiastic and curious student who has followed a broad range of activities that are routinely carried out by INGV staff on Mount Etna. She showed strong interest in all these aspects and was able to create a positive atmosphere whenever she worked with INGV staff. Her grit and enthusiasm will be of paramount importance on her path to becoming a volcanologist.

Date: 20 June 2024

Name and signature of the Supervisor at the Receiving Organisation/Enterprise:

Boris Behncke