

Subject: BSc, Technical practice (BMEEODHAI42)

Student: Gabriella Lükő (BO4ZA1)

We assume that the above named Civil Engineering student was employed for at least 240 hours of work according to the subject's syllabus between the 16th of January 2017 and the 24th of February 2017.

Company / Institute:

name: Department of Civil and Environmental Engineering
Norwegian University of Science and Technology
address: S.P. Andersens veg 5, Trondheim – 7491, Norway

Responsible for the student's practice:

name: Dr Nils Rütther
status: Associate Professor
phone: +47 73594756
e-mail: nils.rutther@ntnu.no

Trondheim, 16th of January 2017


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Student's contact:

phone: +36 204481686
e-mail: gabmac19@gmail.com

I propose the acceptance of the job.

Trondheim, 20th of February 2017


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BSc, Technical practice (BMEEODHAI42)
Gabriella Lükő (BO4ZA1)

Week 1 (16 – 20 January 2017):

Introduction and administration. Taking the laboratory safety course. Laboratory work: drying and sieving of bedload samples from river Gaula and Lundesokna for the project Hydrocourse.

Week 2 (23 – 27 January 2017):

Postprocessing of the laboratory work. Making grain size distributions. Writing a report of the bedload measurements including the background literature and the results.

Week 3 (30 January – 3 February 2017):

Testing of the drone and the softwares. Planning the field measurements, writing equipment and to do list for Albania.

Week 4 (6 – 10 February 2017):

Testvideos for BaseGrain. Testing of BaseGrain software.

Week 5 (13 – 17 February 2017):

Travelling. Field measurements in Albania. Recording drone videos for Sturcure from Motion, Large-Scale Particle Image Velocimetry and BaseGrain methods. GPS measurements for ground reference points.

Week 6 (20 – 24 February 2017):

Postprocessing of the videos. Doing the digital terrain model using the SFM method, also LSPIV analysis and the grain size distribution with BaseGrain. Writing report of the practice.

Trondheim, 16th of January 2017



Dr Nils Rüther

Responsible for the student's practice