Introduction to field trip
NGEA01, 2019

Cecilia Akselsson, Helena Borgqvist, Anders Ahlström, Klas Lucander, Didac Pascual
Department of Physical Geography and Ecosystem Science
Lund University
Skånekarta
Area for exercises
Hostel “Gladan och Vråken”
What to do...

- Geomorphology in field
- Maps, GPS, compass, coordinates
- Topography mapping
- Tree measurements
Exercises

1. Excursion
2. Topographic mapping using Tachymeter
3. Levelling instrument
4. GPS
5. Orienteering
6. Landscape inventory
7. Forest inventory
1. Excursion part 1: Stens huvud and Brösarp hills
1. Excursion part 2: Geomorphology walk with Ulrik
2 and 3. Topographic mapping using Tachymeter and Levelling
4 and 5. GPS and orienteering

- GPS: Get familiar with GPS and compass
- Orienteering: Get familiar with maps and coordinates
6. Landscape inventory

Find a land form and try to explain how it was formed!
7. Forest inventory

- How much standing biomass?

- What is the site index, i.e. How big will the trees become? (Depends on soil fertility and climate)
Schedule

Monday
- We meet 8:15 at the entrance of Geocentrum
- Before lunch: Visit Brösarps backar and Stenshuvud (including group presentations)
- Lunch in Kivik (you can buy fish or other food, or bring own food)
- Leave luggage at the hostel
- Geomorphology walk with Ulrik
- Leisure time (buy food in Brösarp, dinner, etc)

Tuesday-Thursday
- Exercises (two 4 hours exercises per day, in groups)
- Thursday evening: cleaning, drive back (home around 19)
Things to bring

- Boots (water proof)
- Outdoor clothes (look at the weather forecast) + extra socks
- Rainwear
- Sheet and towel
- Small backpack
- "Fika" for monday if you need something before lunch
- Note book+pencils
Group work: prepare 5 minutes oral presentation describing “Österlen” (southeastern Scania)

- Group 1, Rocks and soils: Marianne, Pontus, Saga, Juliane, Karina
- Group 2, Vegetation and land use: Rieke, Hilma, Agnes, Clara
- Group 3, Climate: Pia, Wesley, Claire, Margot
- Group 4, Culture: Ellie, Shangarscha, Alexandra, Stina
- Group 5, “Brösarps backar”: Lovisa O, Patricija, Sacha, Claudia
- Group 6, “Stenshuvud”: Lovisa N, Laetitia, Annika, Ellen