Introduction to field trip
NGEA01, 2018

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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!
6. 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

From Hess, 2013
Group work: prepare max 5 minutes oral presentation describing “Österlen” (southeastern Scania)

-Group 1, Rocks and soils: Min, Patrick, Lovro, Rabia
-Group 2, Vegetation and land use: Serena, Marieke, Felix, Edith
-Group 3, Climate: Julia, Amanda, Lotte, Junaid
-Group 4, “Brösarps backar”: Hugo, Fia, Lucile, Erwin
-Group 5, “Stenshuvud”: Kristian, Katharina, Aaron