

# Course Summary for Greenhouse gases and biogeochemical cycles, NGEN14, HT 2019

**Course coordinator:** Lena Ström

**Teachers in the course:** Lena Ström, Janne Rinne, Joel White, Martin Berggren, Paul Miller, Veiko Lehsten, Dan Metcalfe, Lars Eklund and Per-Ola Olsson

**Number of students:** 19 registered students (plus one PhD student)

**Grade distribution:** IG, G, VG

## Evaluation

### I. Summary of the course evaluation

Number of survey responses: 10, 50 % of the students

*Short summary of the evaluation responses:* In general, the students were satisfied with the course (overall score of 4.3, on a scale 0-5). The students thought that the course aim was reached, the feedback was satisfactory and that the discussions and exercises were beneficial to their learning. Some students, however, thought that the workload was too high. The Abisko excursion and project work was especially appreciated with a score of 4.9.

### II. Comments from the teaching team

The course went well. A good mix of students from different backgrounds. The students showed great interest in the subjects taught and participated very actively in all parts of the course. In addition to that some students thought that the workload was high this was also the case for the teachers in Abisko, these two are most likely not independent. The equipment, that is old, was very high maintenance and left less time for supervision of the students' (or this sometimes had to take place late at night). Very long working days is of course not ideal over a long period of time (10 days). A solution that has been discussed is to bring up old instrumentation from Lund (that is currently not used) and do some service of both instruments. If the student number is high, we also suggest having one more teacher in Abisko for at least parts of the excursion. Despite this the excursion got a grade of 4.9 so we were still able to maintain a high standard.

### III. Evaluation of changes implemented since the last time the course was given

The course went through a quite substantial revision in 2017. As the students and teachers was very happy with the revised version in 2017 and 2018 only minor changes was done for 2019.

### IV. Suggestions for changes to implement before the course is given the next time

Based on the HT 2019 course evaluation no major changes to the content are considered necessary. The workload for students needs to be thought through as does the workload for the teachers during the excursion.

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