Soil water processes in agroecosystems
MV0216, 10433.2324

15 Hp
Pace of study = 100%
Education cycle = Advanced
Course leader = Elsa Coucheney

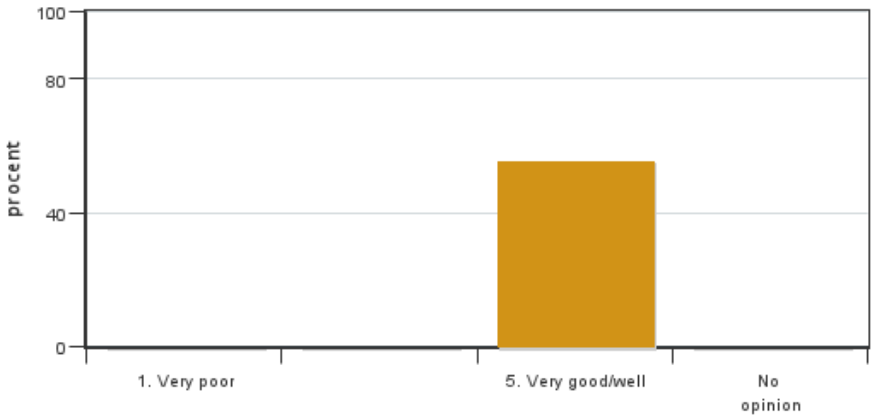
Evaluation report

Evaluation period: 2023-10-23 - 2023-11-13

Answers	9
Number of students	13
Answer frequency	69 %

Mandatory standard questions

1. My overall impression of the course is:

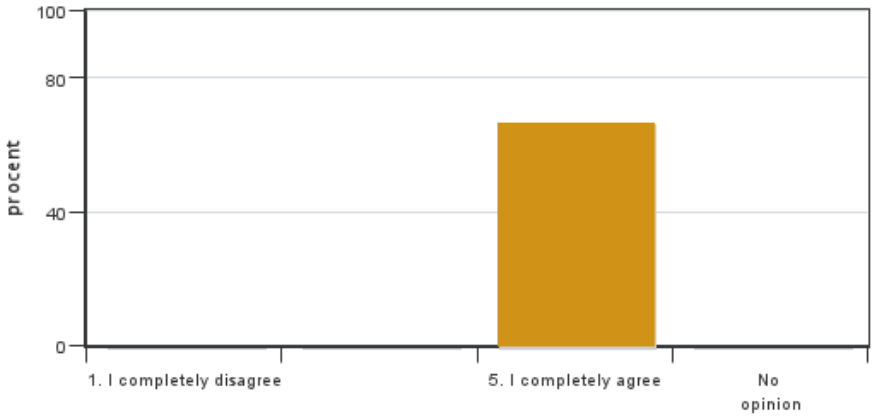


Answers: 9
Medel: 4,4
Median: 5

1: 0
2: 0
3: 1
4: 3
5: 5

No opinion: 0

2. I found the course content to have clear links to the learning objectives of the course.

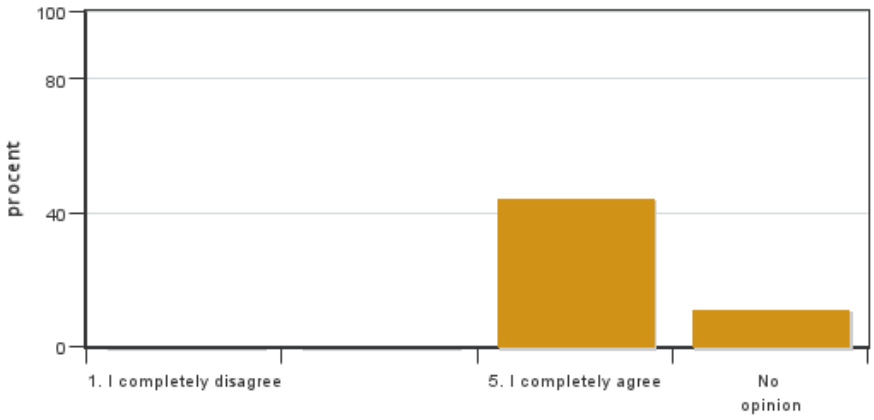


Answers: 9
Medel: 4,7
Median: 5

1: 0
2: 0
3: 0
4: 3
5: 6

No opinion: 0

3. My prior knowledge was sufficient for me to benefit from the course.

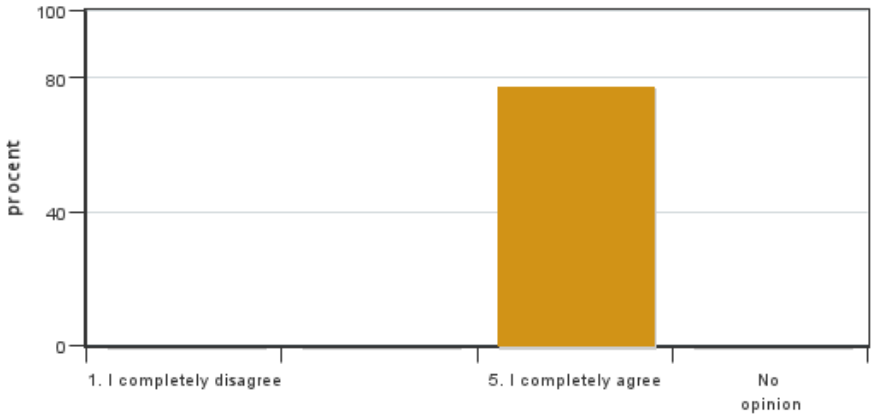


Answers: 9
Medel: 4,1
Median: 4

1: 0
2: 1
3: 1
4: 2
5: 4

No opinion: 1

4. The information about the course was easily accessible.

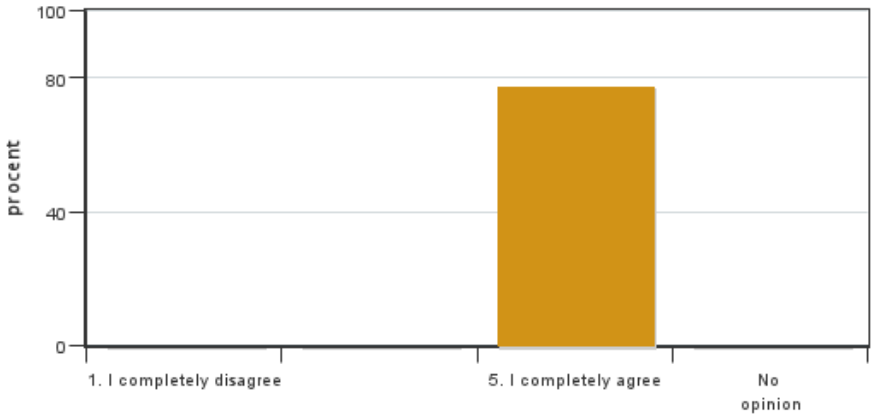


Answers: 9
Medel: 4,8
Median: 5

1: 0
2: 0
3: 0
4: 2
5: 7

No opinion: 0

5. The various course components (lectures, course literature, exercises etc.) have supported my learning.

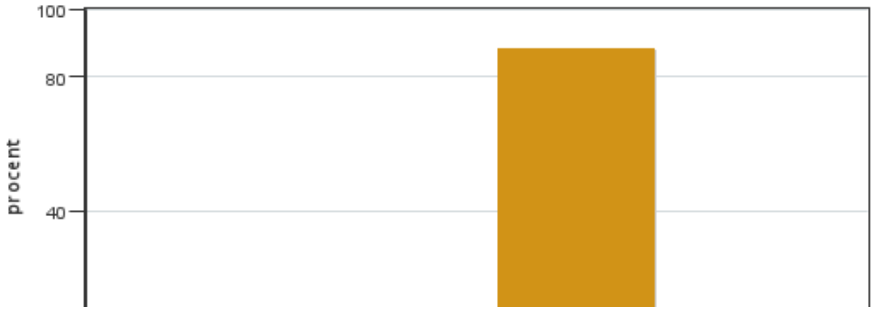


Answers: 9
Medel: 4,7
Median: 5

1: 0
2: 0
3: 1
4: 1
5: 7

No opinion: 0

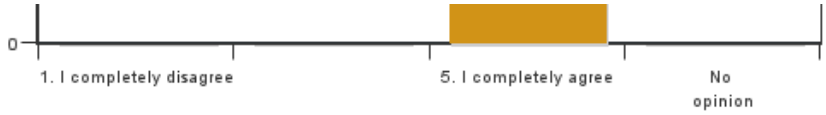
6. The social learning environment has been inclusive, respecting differences of opinion.



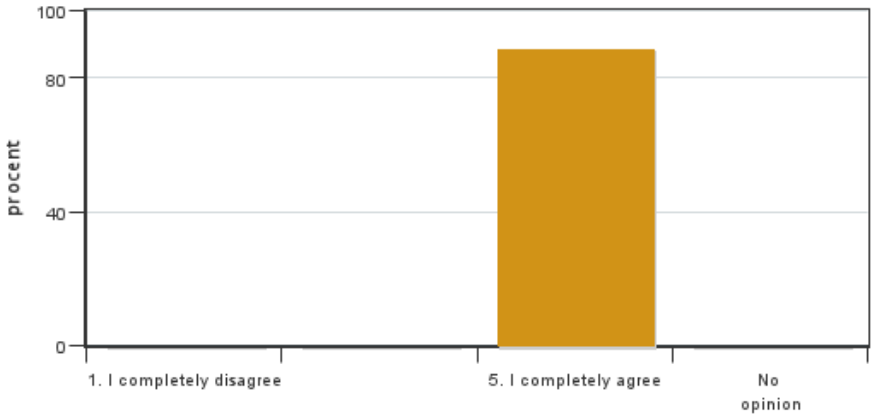
Answers: 9
Medel: 4,9
Median: 5

1: 0
2: 0
3: 0
4: 1
5: 8

No opinion: 0



7. The physical learning environment (facilities, equipment etc.) has been satisfactory.

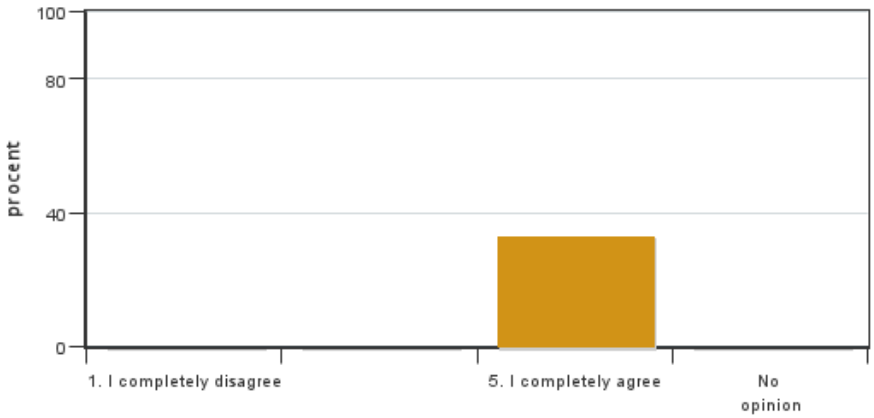


Answers: 9
Medel: 4,7
Median: 5

1: 0
2: 1
3: 0
4: 0
5: 8

No opinion: 0

8. The examination(s) provided opportunity to demonstrate what I had learnt during the course (see the learning objectives).

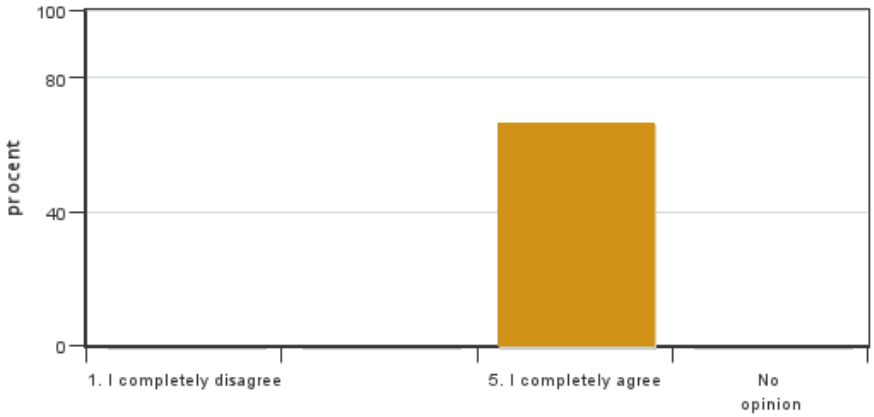


Answers: 9
Medel: 4,2
Median: 4

1: 0
2: 0
3: 1
4: 5
5: 3

No opinion: 0

9. The course covered the sustainable development aspect (environmental, social and/or financial sustainability).

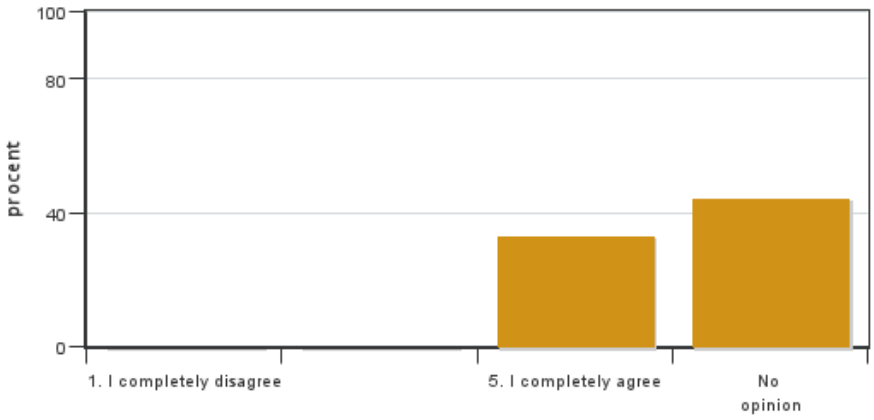


Answers: 9
Medel: 4,3
Median: 5

1: 0
2: 1
3: 1
4: 1
5: 6

No opinion: 0

10. I believe the course has included a gender and equality aspect, regarding content as well as teaching practices (e.g. perspective on the subject, reading list, allocation of speaking time and the use of master suppression techniques).

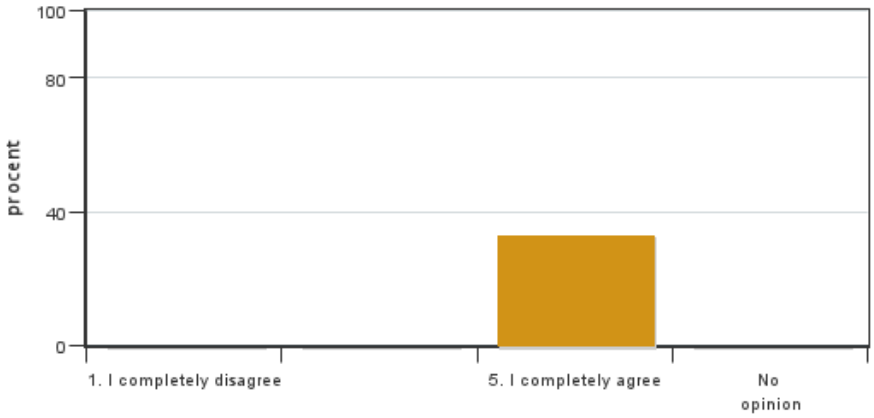


Answers: 9
Medel: 4,4
Median: 5

1: 0
2: 0
3: 1
4: 1
5: 3

No opinion: 4

11. The course covered international perspectives.

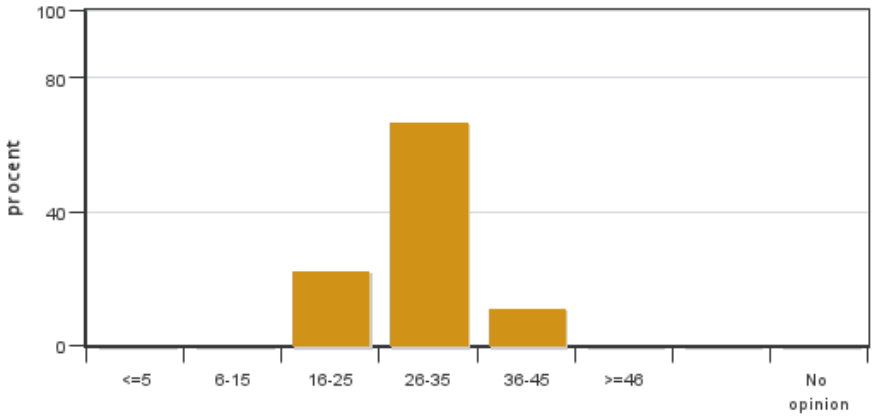


Answers: 9
Medel: 4,1
Median: 4

1: 0
2: 0
3: 2
4: 4
5: 3

No opinion: 0

12. On average, I have spent … hours/week on the course (including timetabled hours).



Answers: 9
Medel: 28,9
Median: 26-35

≤5: 0
6-15: 0
16-25: 2
26-35: 6
36-45: 1
≥46: 0

No opinion: 0

Additional own questions

13. Do you think the balance between the different parts of the course is about right? If not, which part do you think require more focus for the understanding of soil water processes?

13. Did you find the online quizzes in connection to the lectures useful? (YES/NO and a short feedback is also welcome)

13. Did you find the online quizzes in connection to the STELLA exercises useful? (YES/NO and a short feedback is also welcome)

13. Did you find clear connections between the guest lecture on 'agricultural water management' and the course content? (YES/NO and a short feedback is also welcome)

13. Did you find clear connections between the mini-workshop and the course content? (YES/NO and a short feedback is also welcome)

Course leaders comments

Course Leader comments on the course evaluation MV0216, HT2023

The course leader wants to thank the students and the student representative for their feedback on the course. The teaching team agrees on the general impression of a good involvement of the students in the class activities and group work, which in turn lead to a pleasant learning environment. This has also been reflected in overall very good results at the final examination.

However teachers are aware of the variation in both background and interest of the students and this is of high priority to recognize potential gaps that may occur. Teachers will develop tools and strategies to help students that need it to catch-up in order to benefit this course fully. On the other hand, some other students this year had a high previous knowledge in the field, which benefit the class, but one could also discuss ways on how to challenge a bit extra such students as well.

Following some remarks and ideas from the students, teachers will make efforts in revising and including more quiz questions on theoretical lectures. In particular, additional calculation training activities will be implemented. Another idea is to include additional time in connection to lectures to allow slower pace and maybe time for feedback and questions on CANVAS quizzes.

The different parts of the course have been appreciated and are complementary. The balance between well-delimited modelling exercises and more independent work on mini-projects and workshop seems about good. However the run-through for the exercises was a bit too quick for some students and this will be adjusted next year. Another idea is to include a general summary of all exercises questions at the end of module 2.

Some students wanted more theory compared to modelling application but modelling is used as a tool to understand and apply the theory. So exercises are highly theoretical and this could be emphasized more at course start and at each exercise introduction.

In the light of the present comments, no revision of the course syllabus will be implemented. Efforts will be made in implementing more training on calculations and theory, for example with the help of quizzes and little feedback in connection to lectures. One extra course moment for presenting a general feedback on all modelling exercises at the end of module 2 will be discussed.

Elsa Coucheney, Course leader Mv0216

Student representatives comments

It was a very interesting course and all of us enjoyed it! Good balance with the different modules (STELLA-excersices, project, workshop and lectures). Very nice teachers, it was easy to contact them if needed and you always got an incredible fast response! Well structured canvas page, no problem to find information.

The quizzes was appreciated, good self-check after the excercise. Though they could have been less tied to the actual results/answers of the specific excercise, and more focused on the mechanisms/theory around that specific excersise. (hard to go back and do them again later when you didn´t remebered the exact answers). Also, less blankspaces/fill in words at the same time;)

STELLA: fun to do something else! The excercises were at a good level, not to hard or to easy! The walktrough at the end of class could have been a bit more slow and more clearly explanations what the actual answers to the quastions was is possibly needed.

A wish is more calcuations practices, maybe more in class and/or practice questions to do at home.

The lectures was informative and nice! Really apreciated that the whiteboard was used, it helps a lot! Maybe a bit quick sometimes, better to explaine things more slow/again or have some check up questions or calculations exercise for the class if there are time left.

The workshop and project was pleasent, always nice to do different things in a course. Good practice to read articles and get more practice with STELLA.