

Questionnaire for certification of snow measurements

The questions in this survey are answered using a Likert scale with 6 possible answers: Fully agree, Agree, Neutral, Disagree, Fully disagree, Not relevant

1. I was familiar with doing snow measurements before I started the course
2. I was skilled in doing snow measurements after I received the first practical training during glacier field work
3. I was skilled in doing snow measurements after I did the certification during the reindeer/microplastics field work
4. It was useful for my learning to follow a step-wise procedure when learning snow measurements during the course; i.e. from (i) freely digging on invertebrate day, to (ii) field-instructed digging of pits on glacier days, and (iii) certification including some additional snow measurements during reindeer/microplastics field work.
5. The certification procedure was introduced in the middle of the course. However, it would have been better for my learning to do the certification before I went out in the field
6. The certification made me prepare more than I usually would have done
7. The certification assessment made me more engaged in the learning activity
8. I would have been more engaged in the learning activity if the certification was graded
9. I felt it was quite likely to fail the certification assessment the first time I was tested
10. The likelihood of failing the certification should be higher
11. My awareness about the certification procedure enlarged the scope of what I learned during the course
12. My awareness about the certification procedure enabled me to learn on a deeper level
13. The certification itself affected my learning in a positive way
14. The certification procedure made me feel more confident in doing snow measurements later on
15. I expect my learning performance to be significantly better without any assessment
16. The certification assessment created psychological pressure making learning less pleasant for me
17. I find the certificate itself (the document I will be awarded with) very useful
18. The certification on snow measurements should be continued in future courses

19. The development of certification procedures for assessing practical skills at the institution should be further continued and implemented
20. It was easy to understand this questionnaire
21. Is there anything you would like to add here to help us improve the certification process? Are there elements in snow measurements you would like to see included? Any comments here are helpful for us to develop this activity further.