

SURVEY QUESTIONS

Geospatial Web-based Learning Platform (WLP)

Background:

1. Please enter your first and last name, and student number in order to be eligible for bonus marks: (please note the instructor will not be able to associate your name with your responses)
2. What program of study are you in?
3. What is your year of study?
 - a. 1
 - b. 2
 - c. 3
 - d. 4
 - e. 5 or above
 - f. Graduate
4. Where is your primary residence?
 - a. On campus (UTM)
 - b. Off campus (not with family)
 - c. Off campus (with family)
 - d. Other
5. Have you used geospatial software before?
 - a. Yes
 - b. No
6. If you answered yes, please briefly describe what software you used and when, why and how you used it:

Installation:

7. How helpful did you find the instructions for how to install and use the web-based learning platform on your computer?
 - a. Very helpful
 - b. Somewhat helpful
 - c. Somewhat unhelpful
 - d. Very unhelpful
8. How easy did you find it to install the web-based learning platform?
 - a. Very easy
 - b. Somewhat easy
 - c. Somewhat difficult
 - d. Very difficult

9. If you had a problem installing the web-based learning platform, please describe your experience below.

In-class use of the WLP:

10. Were you able to successfully log in to the WLP during the in-lecture session?
- a. Yes
 - b. No
 - c. Partially (e.g., 1 out of 2 sessions)
 - d. Yes, but then I lost the connection
11. Was the speed acceptable for completing the in-class tasks assigned?
- a. Yes
 - b. No
 - c. Undecided
12. Did you find it helpful to have an in-class tutorial session using the WLP?
- a. Yes
 - b. No
 - c. Undecided
13. Did you find using the WLP in class more or less useful than using the WLP outside of lecture hours (e.g., at home)?
- a. More useful
 - b. Less useful
 - c. Same
14. Was there any difference in connection speed between in-class use versus at home use?
- a. Faster in class
 - b. Faster at home
 - c. No difference

Location and Access:

15. What type of operating system did you use to access the web-based learning platform? (Please choose as many as apply)
- a. Windows (e.g., XP, etc.)
 - b. Mac (e.g., OS X, etc.)
 - c. Other
16. Which internet browser did you use to access the web-based learning platform? (Please choose as many as apply)
- a. Internet Explorer
 - b. Mozilla Firefox

- c. Safari
- d. Google Chrome
- e. Opera
- f. Other

17. When you connected to the web-based learning platform outside of lecture, what type of connection did you use most often?:

- a. A wired internet connection
- b. A wireless/wi-fi internet connection
- c. A combination of both

18. When you needed access to geospatial software, how frequently did you use the web-based learning platform instead of the physical computer lab?

- a. Every time
- b. Most of the time
- c. I used them equally
- d. Only some of the time
- e. None of the time

19. If the web-based learning platform were not available, would scheduled time in the physical computer labs provide you with enough time to complete the assignments?

- a. Yes
- b. No
- c. Unsure

20. When connected through the web-based learning platform, did you spend any time exploring features of the software programs that were not related to the assignments?

- a. Yes
- b. No

21. If yes, what other activities did you spend your time on while using the web-based learning platform? (e.g. exploring other tools, playing with different image displays)

22. When using geospatial software in a physical computer lab, did you spend any time exploring features of the software programs that were not related to the assignments?

- a. Yes
- b. No

23. What other activities did you spend your time on while using the physical computer lab? (e.g. asking questions of the professor, working with peers)

24. Compared to working in the physical lab, how effectively do you feel you use

- your time when working remotely through the web-based learning platform?
- a. Much more effectively
 - b. Somewhat more effectively
 - c. The same
 - d. Somewhat less effectively
 - e. Much less effectively
25. Have you ever had difficulties in accessing the physical lab for any reason (e.g. health, mobility, or transportation issues)?
- a. Yes
 - b. No
 - c. Unsure
26. If yes, please specify the reason:
27. If you answered yes to the previous question, did having access to the web-based learning platform help resolve these issues?
- a. Yes
 - b. No
 - c. Unsure

Using the web-based learning platform:

28. How easy did you find it to learn HOW TO USE the web-based learning platform on your computer?
- a. Very easy
 - b. Somewhat easy
 - c. Somewhat difficult
 - d. Very difficult
29. How easy did you find it to ACCESS LAB DATA UNDER MEDUSA for use in the web-based learning platform?
- a. Very easy
 - b. Somewhat easy
 - c. Somewhat difficult
 - d. Very difficult
30. Compared to using the same software in a computer lab, how efficient do you find the web-based learning platform?
- a. Much more efficient
 - b. Somewhat more efficient
 - c. The same
 - d. Somewhat less efficient
 - e. Much less efficient
31. Do you prefer to complete lab work in the physical computer lab or remotely through the web-based learning platform?

- a. In the physical lab
 - b. Remotely through the web-based learning platform
 - c. Neither
 - d. Both are the same
32. If you had a problem using the web-based learning platform, please describe your experience below:
33. Describe one or more things that you liked about using the web-based learning platform:
34. Do you have any suggestions for how to improve the web-based learning platform?

Learning outcomes of the web-based learning platform:

35. Do you feel that you study best:
- a. In the morning
 - b. In the afternoon
 - c. In the evening
 - d. Late at night
 - e. Other
36. If 'Other' please describe how you work/study best:
37. Where do you generally prefer to study?
- a. At home
 - b. In the library
 - c. In a computer lab
 - d. In a coffee shop
 - e. Other
38. If 'Other' please describe your preferred place to work/study:
39. Did you find that having access to the web-based learning platform allowed you to produce better quality lab assignments?
- a. Yes
 - b. No
 - c. Unsure
40. If yes, how do you think the web-based learning platform helped to improve the quality of your assignments?
41. If no, why not?

42. Do you feel your confidence and/or skill level with the geospatial/image processing software have increased as a result of using the web-based learning platform?
- a. Confidence has improved
 - b. Skill level has improved
 - c. Both confidence and skill level have improved
 - d. Neither confidence nor skill level have improved
43. If yes, how do you think the web-based learning platform helped to improve your confidence and/or skill level?
44. If no, why not?

Assistance

45. If you had questions while using software in the web-based learning platform, how easy was it for you to get assistance?
- a. Very easy
 - b. Somewhat easy
 - c. Somewhat difficult
 - d. Very difficult
 - e. Did not have questions