

AWM106 – Agricultural Sediment Fundamentals

Name _____ Date _____ Grade ____/25

Lab Exercise #2-Experience in using on-line education/information sources.

Lab Objective (3-5 bullets):

1. An important part of most watershed management activities, and employment opportunities, is to know where to get information to assist in your work.
2. On-line information sources and on-line training programs can provide ready access to a host of such resources.
3. Learn some basic resources available for understanding and use of the RUSLE2 model, as an example of many other training support available on the Internet for watershed workers.

Lab Introduction Narrative (3-5 sentences):

1. USDA-NRCS is an excellent source of educational and technical resources about a wide variety of conservation topics, covering water shed management and other related areas of interest.
2. This exercise will provide experience in how to utilize the NRCS webinar service to glean information that interests you.
3. Many jobs require certification, and continuing education is often required to maintain that certification.
4. This lab will provide experience in using such resources.

Text References:

<http://www.conservationwebinars.net/previous-webinars>

The RUSLE2 materials are a good example of a resource that is available for workers in Watershed Management and conservation support positions.

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To quickly bring NRCS field office personnel (and others) up to speed with RUSLE2, a tutorial has been developed. The tutorial combines photos, audio, and short video clips

Study the **RUSLE** webinar (4/7/2015) NRCS Training:

- (1) <https://www.youtube.com/watch?v=R0hY2T9h3qg>
- (2) http://fargo.nserl.purdue.edu/rusle2_dataweb/Tutorial.htm

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Download and review the RUSLE2 Program Users Guide

- (1) http://fargo.nserl.purdue.edu/rusle2_dataweb/userguide/RUSLE2_Program_Users_Guide_05_04.pdf

Tools and Materials:

Internet access and computer capable of delivering webinar materials.

Safety Precautions:

Procedures:

1. Log into the USDA NRCS Webinar website: <http://www.conservationwebinars.net/previous-webinars>
2. Select one of the approximately 500 “on demand” webinars, and proceed to download the webinar and view it. Most of these webinars can be completed in about an hour. They involve registering on-line, downloading the webinar file, viewing it on-line, and completing a short quiz.
NOTE: *If you are a **Certified Crop Adviser**, upon completion you will have the opportunity to submit a request for continuing education credit of the webinar.*
3. Write a summary 400-500 words of what you learned from the webinar.

(This activity is good for 25 Points Lab Credit)

Maintenance of Workstation and Tools:

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Summary Statement:

Webinars are becoming an important part of the continuing education program for NRCS field staff. The materials are published on the Internet and freely accessible. So they are an important resource available for others who are involved in watershed management activities.

Lab-covered Questions (15-points):

Lab Participation (10-points):

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Element	Excellent	Proficient	Partially Proficient	Below Proficient	Unsatisfactory	Points
Student Lab Participation	5 points The student is engaging thoroughly, with well thought out questions and answers.	4 points For the student to answer (or ask a question) to engage in the discussion, he/she is engaging, but sometimes is not fully explained or developed.	3 points The student's question/answer was somewhat proficient but could have been expanded upon	2 points- 1 pt. The student's answers was minimal and did not address much of the issues or topics in order to be engaging.	0 points Engagement was neither attempted nor completed	__/5
Student Lab Performance	5 points The student's actions, feedback and comments were thought-provoking and had substance	4 points The student's actions, feedback, and comments were good but could be expanded upon	3 points The student's actions, feedback, and comments made were minimal and did not provide much depth	2 points- 1 pt. The student's actions, feedback, and comments were one sentence that did not expand upon the lab topic	0 points No responses or feedback were given by student	__/5
Total points						__/ 10