**Vegetation Measurement & Assessment (REM 357 & REM 410)**

**~~Measuring Frequency~~**

Content Summary Assignment #6 (25 points total) Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Due by Midnight on Tuesday October 9nd through Blackboard (<https://bblearn.uidaho.edu/>)

•• Answer the following questions with short essay-style answers. Make sure to rely on and cite published work on the topic. Giving specific examples are also valuable. Focus on giving rich and detailed answers rather than broad and general answers.

1. Compare and contrast measures of frequency and density. What are the advantages of assessing frequency over density? And, vice versa, what are the advantages of assessing density over frequency? (8 pts):
2. The most critical aspect of measuring plant frequency is selecting the correct plot size (8 pts):
	1. Why does plot size matter?
	2. How can you determine the ***correct*** plot size when conducting a vegetation assessment?
3. There are three primary situations when frequency is used in vegetation assessment. For each of the following situations, describe the advantages or limitations of examining frequency in each situation (9 pts):
	1. To determine how widely a species is distributed across a landscape.
	2. To examine change in a specific vegetation community or location over time.
	3. To examine differences between vegetation communities.