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GST 105 – Exam 2

This exam covers the material for Units 4-7.

1. What is photogrammetry and how is it used with remotely sensed imagery?

2. What is an orthorectified image? What is considered a "true ortho image"?

3. What are the 3 major image classification methods discussed in this course? Briefly describe each.

4. What is a spectral signature and how is it created in the unsupervised and supervised classification processes?

5. Why is it important to have a "high quality" set of spectral signatures to use with a supervised classification method?

6. What is the difference between a "spectral" and "information" class?

7. Why is an accuracy assessment important for an image classification?

8. Briefly describe the computed measures of a typical accuracy assessment for an image classification.

9. Briefly summarize some of the challenges faced in the independent final project. Explain some of the methods you used to overcome them. Were they successful or not? Briefly describe.