

Lab 10 Supervised Classification**Name:**

Upload the following files to the instructor:

(4) "YourName_TrainingSites" jpg

(10) "YourName_landcover_hs-DEM" jpg

Question 1: Which of the 8 grayscale images are most different?

Question 2: What features on the ground lead to the negative correlation between PC 4 image ("Band 8" in the correlation table) and Bands 1, 2, 3, and 4 (Hint: opposite graytones in the images - one has bright pixels and the other has dark pixels for the same feature).

Question 3: Are these three visible band images normal or slightly skewed to the left?

Question 4: What is unique about the histograms for the reflected IR bands compared to the visible light bands?

Question 5: What class lost the highest percent of pixels and what class gained the highest percent of pixels when the majority filter is applied to the original classification image?

Question 6: A. What class(es) do you interpret as least accurate?

B. What class(es) do you interpret as most accurate?

C. Why do think some classes are more accurately classified compared to others?