



Figure 1. Map of southern Vancouver Island, BC Canada with Cowichan Bay Estuary (created in ArcMap using ESRI's National Geographic Base Map).



Figure 2. AISA true color image with ROI samples.

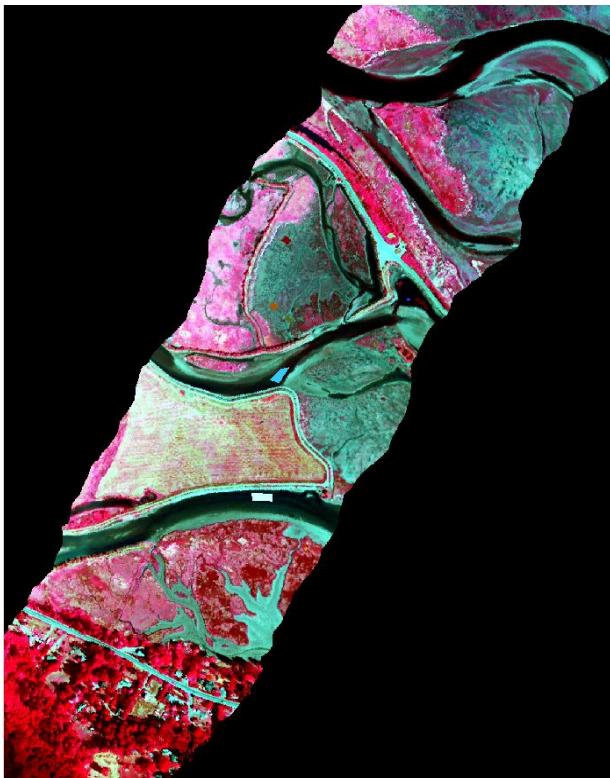


Figure 3. AISA false-color infrared image with ROI samples.



Figure 4. Landsat true color image with ROI samples.

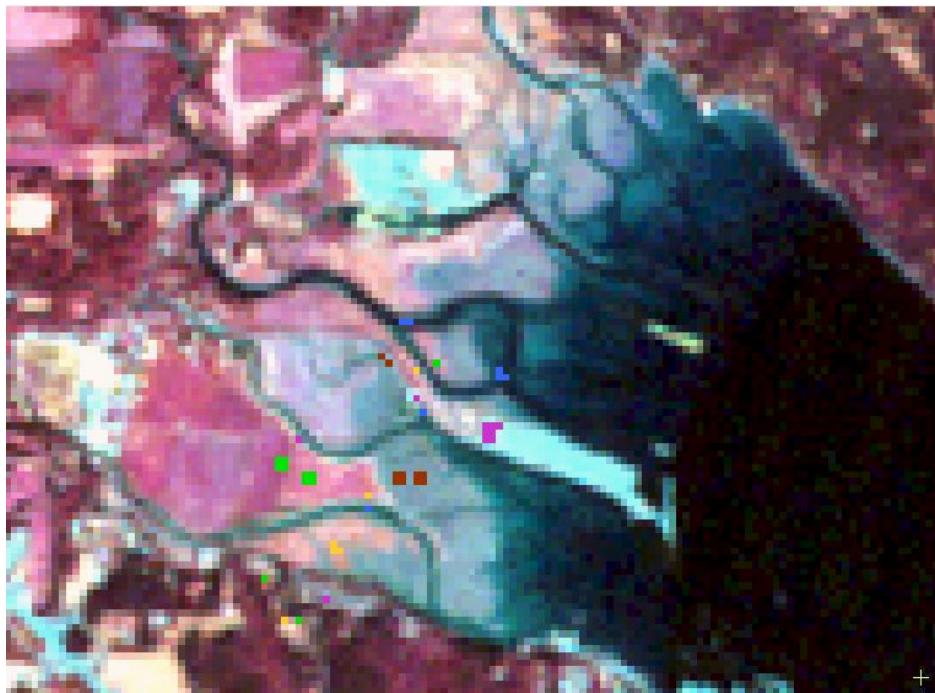


Figure 5. Landsat false-color infrared image with ROI samples.

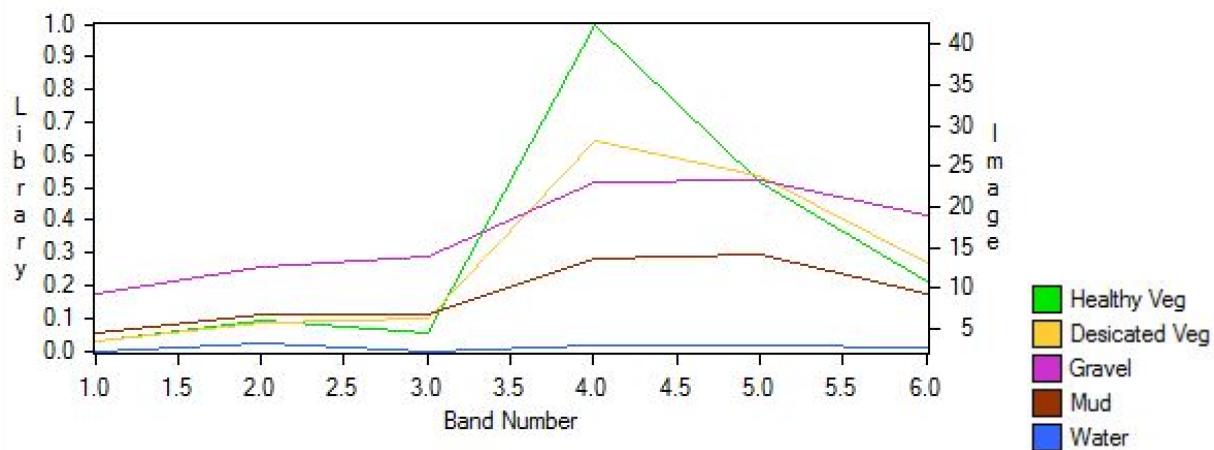


Figure 6. Landsat image spectral curve of five broad cover types.

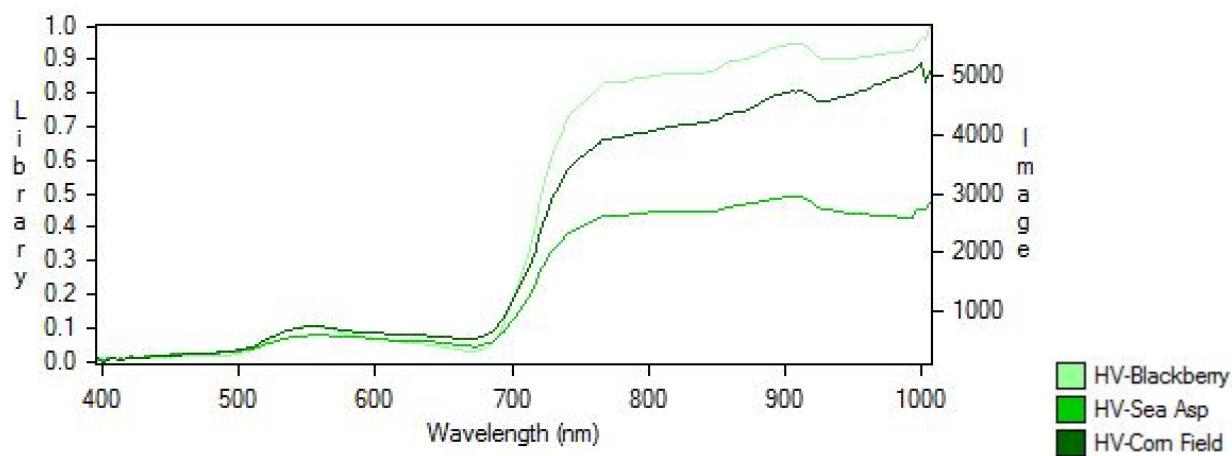


Figure 7. AISA image spectral curve of healthy vegetation subclasses.

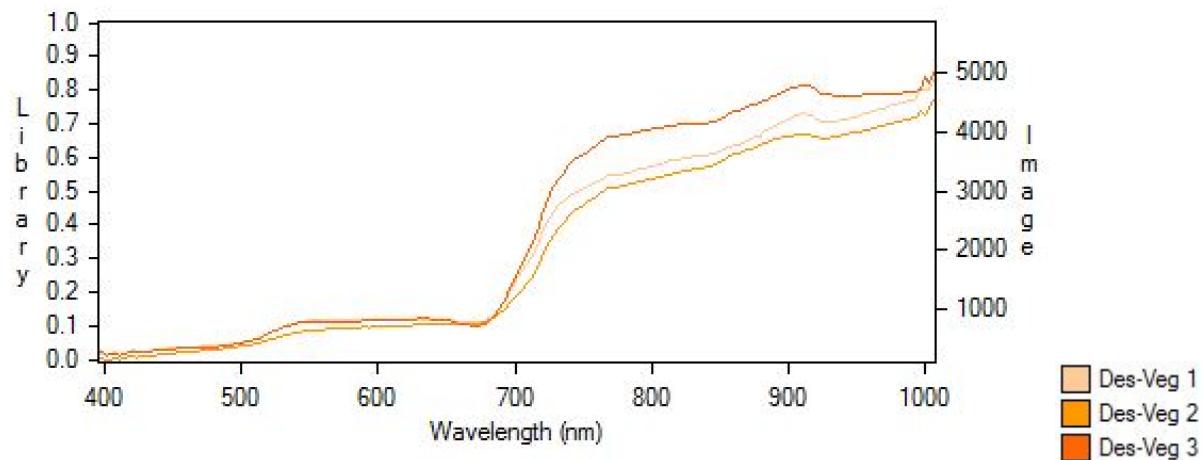


Figure 8. AISA image spectral curve of desiccated vegetation subclasses.

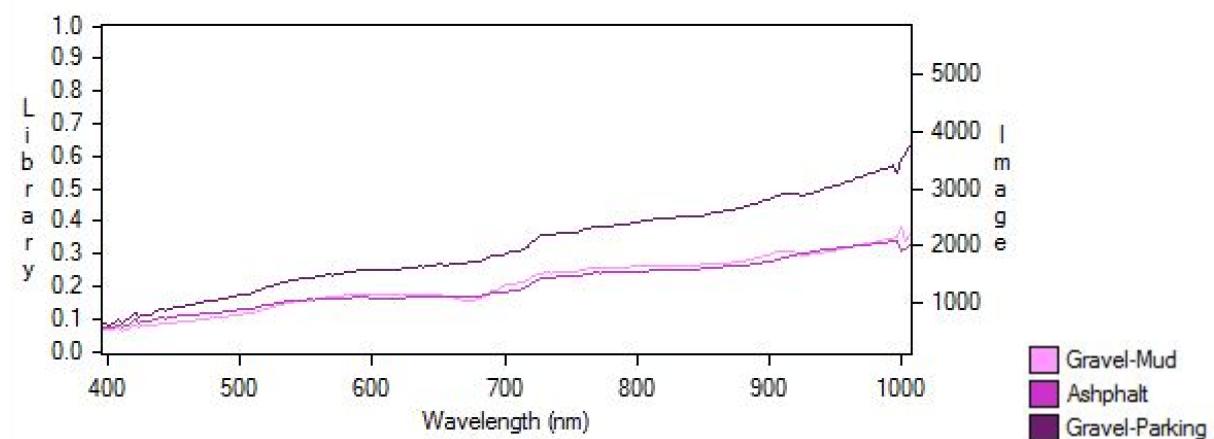


Figure 9. AISA image spectral curve of gravel subclasses.

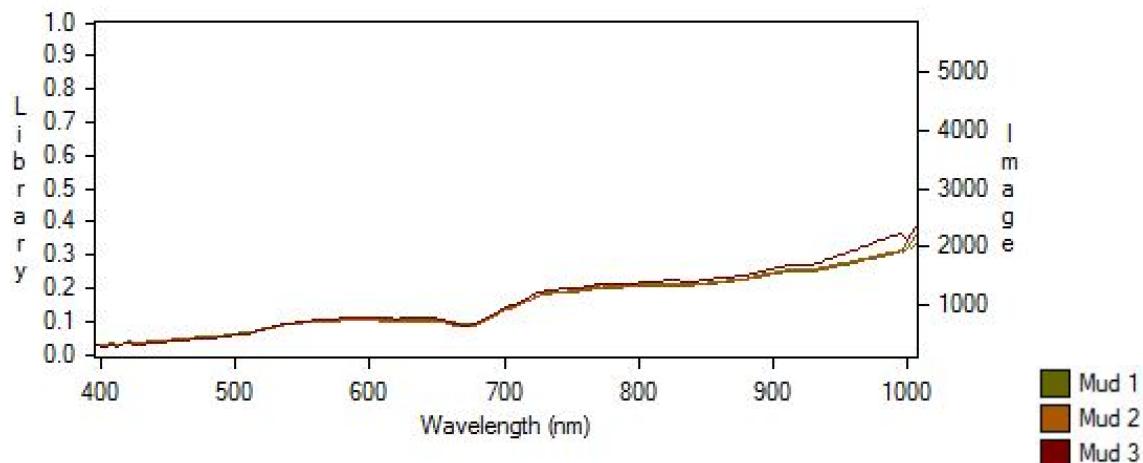


Figure 10. AISA image spectral curve of mud subclasses.

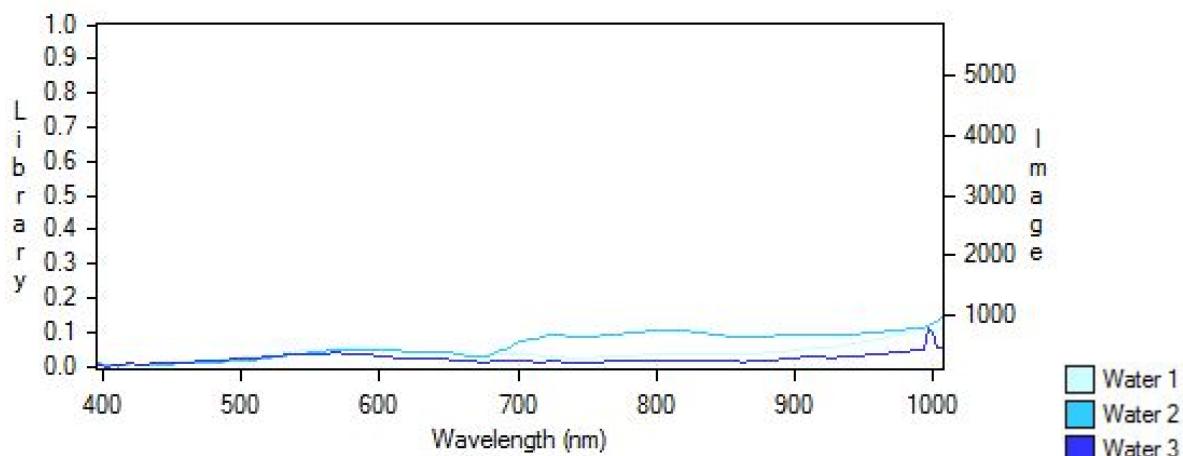
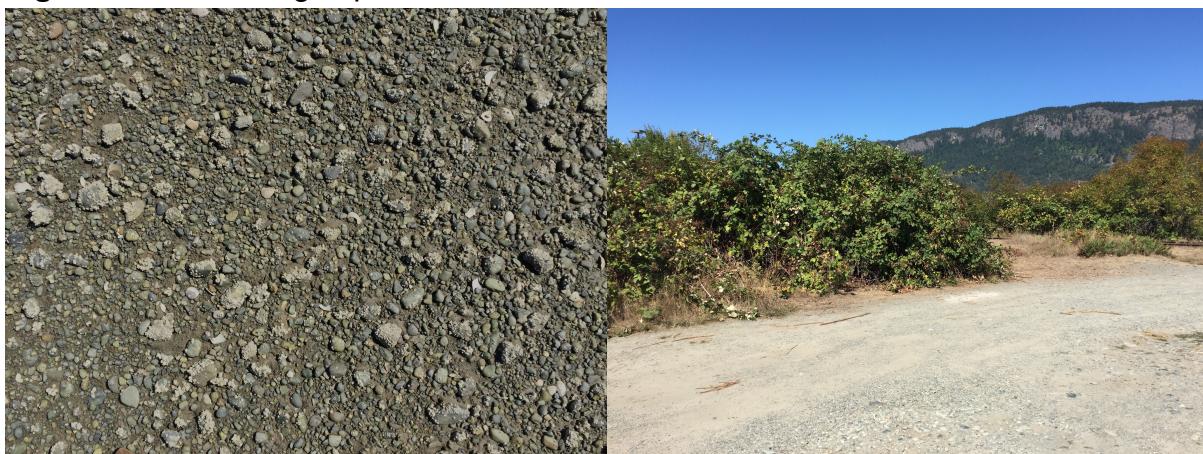


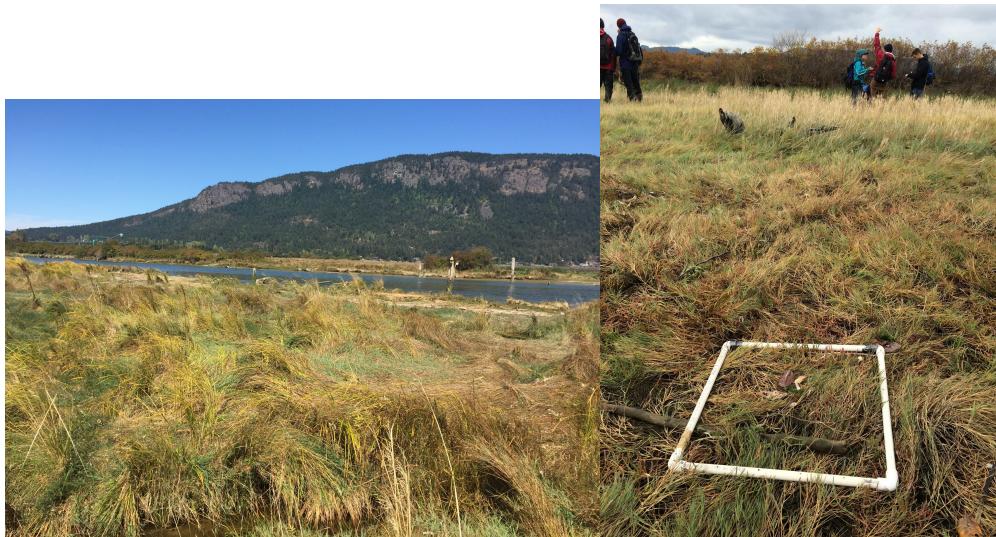
Figure 11. AISA image spectral curve of water subclasses.



Figures 12 & 13. August 16, 2016 field photo 10-Nadir showing gravel mud & site 28-N showing gravel parking lot and blackberry bushes.



Figures 14 & 15. September 14, 2014 field photo site 1-Nadir showing sea asparagus and August 16, 2016 field photo 21-E showing mud with some algae present.



Figures 16 & 17. August 16, 2016 field photo site 29-N showing cenessed corn field & September 19, 2014 field photo site 4-S showing cenessed saltgrass.