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Advanced Webinar: Accuracy Assessment of a Land Cover Classification

February 13 and 20, 2018

Tuesdays, 12:00 – 2:00 p.m. or 8:00 – 10:00 p.m. EST (UTC-5)

In last year's ARSET *Advanced Webinar: Land Cover Classification with Satellite Imagery*, attendees learned the basic steps to create a supervised land cover classification. The next step to using land cover classifications is being able to evaluate the performance of a land cover map using accuracy assessments. This training will equip attendees to conduct an accuracy assessment on a land cover map and identify which classes might be misrepresented.

Session 1: Introduction to Accuracy Assessments

February 13, 2018

- Overview of Accuracy Assessment (Lecture)
- Identifying Reference Data (Lecture)
- Sample Design and Methods (Lecture)
- Comparing Reference Data to Classified Image (Exercise)

Session 2: Conducting Unsupervised and Supervised Land Cover Classifications

February 20, 2018

- Description Overview of the Error Matrix (Lecture)
- Overview of the Kappa Statistic (Lecture)
- Creating the Error Matrix and Calculating the Kappa Statistic (Exercise)