
HIERARCHICAL LEARNING: MISSED OBJECTS

If your initial results or clean up results are good, but some correct features are missing, Feature Analyst provides you with the Add Missed tool to further improve the results.

- 1 Choose **Add Missed** on the toolbar.

The Save Feature As dialog box opens, asking you to name the new shape file.

- 2 Enter a **name and path** for the new shape file and choose **Save**.

The newly created shape file is split into two classes, Missed and Accepted. Feature Analyst assumes that the objects already classified in the image are correctly classified. If this is not the case, go back and run a clutter removal pass to clean up your results. You can also use ArcGIS manual editing tools to remove incorrectly identified shapes.

When you choose Add Missed, the Draw Missed Shapes tool activates, allowing you to identify the missing features.

- 3 Choose **Draw Missed Shapes tool** and draw a sampling of the unclassified features. As with all steps in the process, draw examples that most clearly identify the target features in your image.
- 4 Choose **One Button Learning** on the toolbar to run the feature extraction using the previously set learning parameters.

Or

Choose **Set Up Learning** and customize the learning parameters for the Add Missed extraction pass.

Feature Analyst runs the classification and returns your results to the Table of Contents. The system used your input, both the identified missed objects and the assumed correct polygons, to further classify objects in the image.

Depending on the quality of your results, either run a clutter removal pass or use the Accept Results tool to complete the extraction.