

An aerial photograph of a river restoration project. The river is a winding, light-colored channel that meanders through a green, grassy landscape. The banks are slightly elevated and appear to be covered in dense vegetation. The overall scene is a natural, restored environment.

Vegetation Classification of Provo River Restoration Project

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ABSTRACT

In order to create a useable vegetation map of an area near Heber City, Utah, known as the Provo River Restoration Project, a brief study was done to evaluate different methods of classifying the area. In the study, two Landsat images (from May 2003, and October 1999) were classified using the unsupervised classification program in Imagine. The 2003 image also underwent a supervised classification. All images were then analyzed in the Arcview program to determine the amount of acres in each vegetation type. Acreages for each class were compared among all images and accuracy and actual usefulness of each map was evaluated.

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