

## **FUEL MODEL AND FOREST TYPE MAPPING FOR FARSITE INPUT**

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### **ABSTRACT**

A methodology is outlined for mapping Fuel Model Indices/Forest Types (FMI/FT), to provide input for the fire area simulator, FARSITE. USGS Digital Orthophoto Quads, and contour and stream themes from USGS topographic maps were digitally combined into a 'TopoPhoto'. Photo-interpretation AND ground-truthing of perceived FMI/FT polygons on the Walhalla Plateau were completed during the Fall of 1998. 'TopoPhotos' will greatly aid mapping the rest of the North and South Rims of the Grand Canyon National Park (more than 150,000 acres) in the Summer of 1999. This mapping data will then be input as Landscape Files for FARSITE, Fall of 1999.