

FOREST HOST MAPPING: IMPLICATIONS FOR PEST SURVEY AND MODELING

James R. Ellenwood

Remote Sensing Program Manager, Forest Health Technology
Enterprise Team, U.S. Forest Service, 2150 Centre Ave.,
Bldg. A, Suite 331, Fort Collins, CO 80526.
To contact, call (970) 223-4950 or email at jellenwood@fs.fed.us.

The Forest Health Technology Enterprise Team has developed forest-health risk maps for the past decade. Each subsequent rendition has improved upon previous renditions by acquiring and developing better data. Part of the improvement has focused upon host data of individual tree species. Knowledge of a host species' extent and density is critical to the success of an integrated pest management endeavor. The purpose of

this presentation is to highlight developments pertaining to the different ash species modeled for the forest risk mapping project. The developed products can be used by land managers, policymakers, and resource specialists for strategic planning, monitoring, and resource allocation for a given forest-health concern. A scale assessment of alternative data for host mapping will also be demonstrated.