



**FHTET**  
Forest Health Technology Enterprise Team

## TEAM OVERVIEW

PROVIDING TECHNOLOGY FOR FOREST HEALTH PROTECTION

The Forest Health Technology Enterprise Team (FHTET) works cooperatively with entomologists, pathologists, and other natural resource specialists to develop assessment and management tools that managers can use to address forest health issues. FHTET's mission: *to foster the development and use of technologies to protect and improve the health of America's forests.* The primary customers for these tools are Forest Health Protection (FHP) staffs, state forestry agencies, and other forest managers. FHTET also offers forest health technology services to all resource management offices on federal, state, and local levels throughout the United States. These services are provided on a cost-reimbursable basis.



### Assessment and Management Tools

- a digital sketchmapping system for aerial survey of forest conditions
- simulation models & forest visualization tools
- biological controls for non-native invasive species
- registration of biopesticides and semiochemicals for use against forest pests

### Forest Health Technology Services

- aerial photography for forest health concerns
- GIS database for aerial forest health monitoring
- spray application engineering and evaluation

FHTET's technology development efforts address intermediate-term (3- to 5-year) and long-term (5- to 10-year+) needs. FHTET also manages the Special Technology Development Program (STDP) and the FS Pesticide Impact Assessment Program (FSPIAP). STDP provides funding through FHP field units for short-term (1- to 3-year) technology development on a competitive basis. FSPIAP is also a competitive program that helps fill data gaps associated with pesticides registered for forest use.

#### Recent FHTET projects include:

- Developing a multistand bark beetle impact model for the Forest Vegetation Simulator
- Supporting a National Risk Map GIS for Fire and Aviation Management-Washington Office
- Acquiring aerial photography and analysis of the 1999 blowdown in the Superior National Forest
- Facilitating EPA's registration of the anti-aggregation pheromone MCH for Douglas-fir beetle
- Developing and releasing biological controls for hemlock woolly adelgid

## HOW YOU CAN GET INVOLVED

The core activities in FHTET's annual Program of Work include technology development and support projects focused on forest health issues; special and on-going assignments made by the national FHP Director; and technology development projects coordinated across multiple staff areas. These activities are funded by FHP to support the Forest Service in meeting its legal mandate to protect forest health. FHTET uses these funds directly or as seed funding to leverage monies from other cooperators interested in helping develop new technologies. Ideas for core projects emerge from both broad-based and specific interactions of the Team with its key customers – Washington Office-FHP, FHP field units, state forestry organizations, FS Research & Development, and other FS units.

FHP staffs are encouraged to discuss ideas and comment on core projects through the annual draft Program of Work that is distributed to field units early in the fiscal year. FHTET also convenes workshops and program review meetings to assess customer needs.

FHTET's enterprising component, funded from outside of FHTET's annual base allocation, builds the team's capacity to provide products and services on a cost-reimbursable basis. FHTET welcomes enterprise project proposals and undertakes them based on factors such as:

1. Relevance to forest health protection
2. Type of customer (first priority is given to FHP units.)
3. Potential to strengthen FHTET core competencies (i.e., remote sensing, GIS, etc.)
4. Opportunity to optimize use of team capabilities compatible with goals and objectives in the FHTET Strategic Plan

## FOR MORE INFORMATION CONTACT:

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