EDDMapS
Early Detection & Distribution Mapping System
www.eddmaps.org

Invasive Species Mapping Made Easy!

EDDMapS is a web-based mapping system developed and hosted by the Center for Invasive Species and Ecosystem Health, which focuses on documenting invasive species distribution across the United States. It is quick, easy to use, and does not require GIS (Geographic Information Systems) experience.

States that use or partner with EDDMapS

Users can view invasive species distribution at point, county or state level

EDDMapS is a tool to develop more complete local, state and regional level distribution data on invasive species. It facilitates identification of "leading edge" ranges of new invasive threats. The earlier these threats are identified the more successful Early Detection and Rapid Response programs (EDRR) can be. The data entered into EDDMapS also allows land managers, agencies and others to set priorities and formulate overall invasive species management and action plans.

Why EDDMapS?

- Started in 2005 now provides a picture of the distribution of invasive species across the US

- Facilitates Early Detection and Rapid Response Implementation

- Online data entry forms, e-mail alerts and network of expert verifiers

- Based on National Association of Weed Management Area (NAWMA) standards

- Originally developed for invasive plants, now used for invasive animals and biological control agents

- One Database for both local and national data

- Data can be searched, queried and downloaded in a variety of formats

- Cooperates with and shares data with other invasive species mapping projects

- Custom/hosted applications can be quickly and inexpensively developed

Users

- Citizen Scientists
- Land Managers
- Government Agencies
- Regulators & Legislators
- Academia & Educators
- Master Gardeners
- Master Naturalists

609,953 County Reports
236,298 Point Reports
1,721 Species
1,069 Users

A product of the
Center for Invasive Species
and Ecosystem Health at
the University of Georgia
Tifton, GA, USA
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Map It!   Zap It!   Map It Again!

Use EDDMapS to map control treatments and monitor progress

Map It - via online data entry form

- Train with step-by step information provided
- Take pictures
- Take GPS coordinates or note location
- Use data form provided for field use
- Enter data into online form
- Verified by local experts

Use It - to determine management priorities

- Combines data from multiple agencies into one source
- Point, county or state level data
- Download as map, spreadsheet, or into Google Earth (KML)
- Record control treatments and progress
- Custom applications available
- Receive email alerts for target species

Learn It - through the Invasive Plant Atlas

- Information on over 1000 species
- High quality, high resolution images to aid in identification from BugwoodImages
- Links to publications from national, regional, and state organizations and agencies
- Native Plant Alternatives from Lady Bird Johnson Wildflower Center
- Current distribution maps
- Early detection reporting procedures and protocols

Online data entry form

Partners:

National Park Service

USDA Forest Service

U.S. Fish and Wildlife Service

Southeast Exotic Pest Plant Council

Mid-Atlantic Exotic Pest Plant Council

Alaska Natural Heritage Program

The Nature Conservancy

Missouri River Watershed Coalition

Center for Invasive Plant Management

Center for Research on Invasive Species & Small Populations

USDA NRCS PLANTS Database

River to River CWMA

Florida Invasive Species Partnership

Everglades CISMA

Florida Fish and Wildlife Conservation Commission

Florida Natural Areas Inventory

Invasive Plant Atlas of MidSouth

Invasive Plant Atlas of New England

Texas Invaders

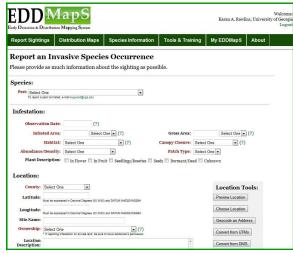---

For further information, visit

www.eddmaps.org

or contact **Karan Rawlins** at the Center for Invasive Species and Ecosystem Health

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Collecting GPS coordinates for a infestation of tallowtree