

### *Communications and Education*

Because of its ability to uniquely convey information, many SFOs have implemented application of GIT for information dissemination and sharing in addition to helping meet their primary missions. Such efforts have led to GIT applications that further communication, education and cooperation among governments as well as private entities. At least eight states indicate they use GIT for this purpose, which is predominantly GIS.



*Vermont*

The Forestry Division uses GIS in cooperative efforts with the University of Vermont and the USFS in the Vermont Forest Ecosystem Monitoring Cooperative (VForEM). The VForEM website is maintained by the Division as an educational resource that catalogs the results of many ongoing long-term ecosystem research projects in the Lye Brook and Mt. Mansfield areas. Data include GIS maps and technical reports from research projects to assist in reader understanding.



*West Virginia*

The Division of Forestry is currently working with West Virginia University (WVU) in an educational and public service application of GIS. A website is being developed to provide access to Division data such as trails, forest inventory and cover-type. Most of these data will be accessible to the public at no charge.



*Idaho*

The State Integrated Property Records Project of the Idaho Lands Department (IDL) is an effort to enhance data access and communications. Work is underway to develop and maintain a web-enabled GIS site where all state leased property, state leased buildings, state-owned buildings, rights-of-way, and encumbrances can be analyzed. This public site will eventually have the capability to display all property ownership, including state, federal and private lands, and be able to integrate this information with other data. A prototype ArcIMS™ application has been built that can display state land ownership and buildings along with base data for Ada County, and is expected to be implemented statewide in the near future.

Image below:

Source: IDL GIS/Cartography Land Records website

<http://gis.idl.state.id.us/GIShtm/static/LandRec.htm>

Idaho Dept of Lands GIS Plat Database

**Select Themes To Draw**

- Counties
- Roads
- Streams
- Cities
- Quad Names
- Townships
- Data Sheets
- Plats

Redraw Map

Redraw State

For Data Sheet

Scale  
1: 1,000,000

Pan

Show Plat

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Map Scale Ratio 1 : 5,989,953

To locate a Plat or Quad first select the appropriate layer Plats

then select the **FIND BUTTON**  and enter  
 (ie, enter a township as t01n03e or quad name as soda peak)



Plans and efforts by the Texas Forest Service (TFS) to establish an enterprise system for GIS will greatly aid in the availability of and access to information. TFS is developing easy access to valuable forest resource information for a variety of users in the state through Internet GIS applications. To reach all these goals, ESRI based GIS software (including ArcInfo™, ArcIMS™, etc.) and Microsoft™ SQL2000 will be used to help develop an enterprise GIS platform for TFS in the near future.



The Division of Forestry uses GIT for Communications and Education in the context of fire and emergencies. Information related to fire weather and fire danger is provided to fire managers and the public through customized interfaces and links to other information providers on the Division's website.

Image below:  
 Interactive lightning tracker linked to Florida Division of Forestry website.  
 Source: Florida Media Communications Weather Network  
<http://www.flamedia.com/lightning/light.htm>

