

# National Fire Plan

## Forest Resource Information Mapper (ForestRIM)

### Virginia - 2003



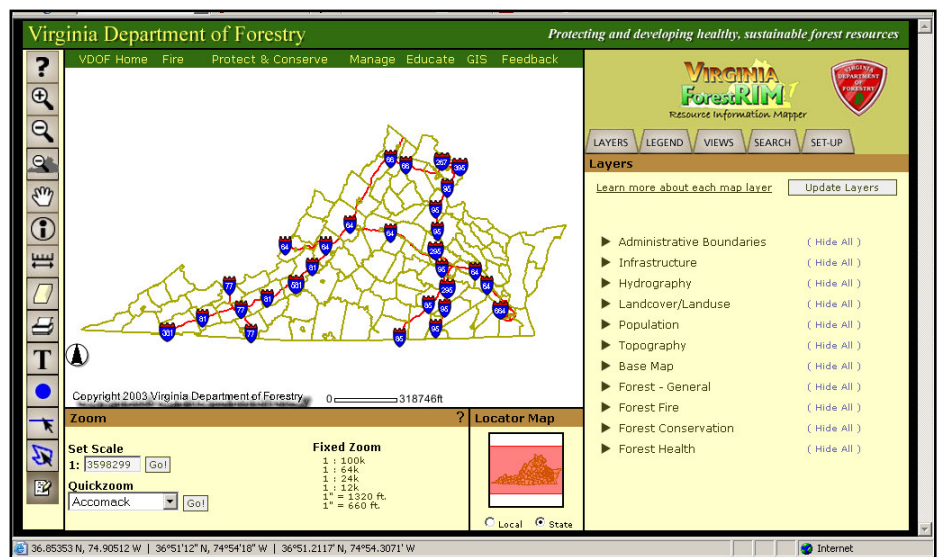
The Virginia Department of Forestry (VDOF) collects and generates important spatial GIS information regarding the state's forest resources, such as map layers of the wildland/urban interface, woodland homes communities, dry hydrants, and wildfire risk assessment. Thanks to a National Fire Plan grant, VDOF developed the Virginia Forest Resource Information Mapper (ForestRIM), an internet-based GIS information system to:



- ⊖ Provide easy access to forest resource information in the form of 100+ map layers, including recent aerial photography
- ⊖ View map layers by zooming to desired scales, and to pan across the landscape
- ⊖ Query map layers spatially ( "Show all Woodland Homes Communities within 5 miles of a dry hydrant" )
- ⊖ Make professional-quality map outputs with Title, Legend, Scale Bar, Map Comments, etc.
- ⊖ Provide users with tools to add their own map annotations, such as points, lines, polygons and text

By developing this mapping application, VDOF can affordably and efficiently share tools and information in a way that is tailored to its internal users as well as to external customers.

Specifically, ForestRIM let people examine the relationships between features such as the number of residential communities in zones of high wildfire risk or the pattern of population growth across the landscape and how it relates to forest lands.



Most important, ForestRIM gives people a tool for better, more informed decision-making.

For more information about ForestRIM, please visit [www.forestrim.org](http://www.forestrim.org) or contact Mindia Brown – GIS Manager Phone: 434.977.6555 Email: [Mindia.Brown@dof.virginia.gov](mailto:Mindia.Brown@dof.virginia.gov) Web: [www.dof.virginia.gov](http://www.dof.virginia.gov)