

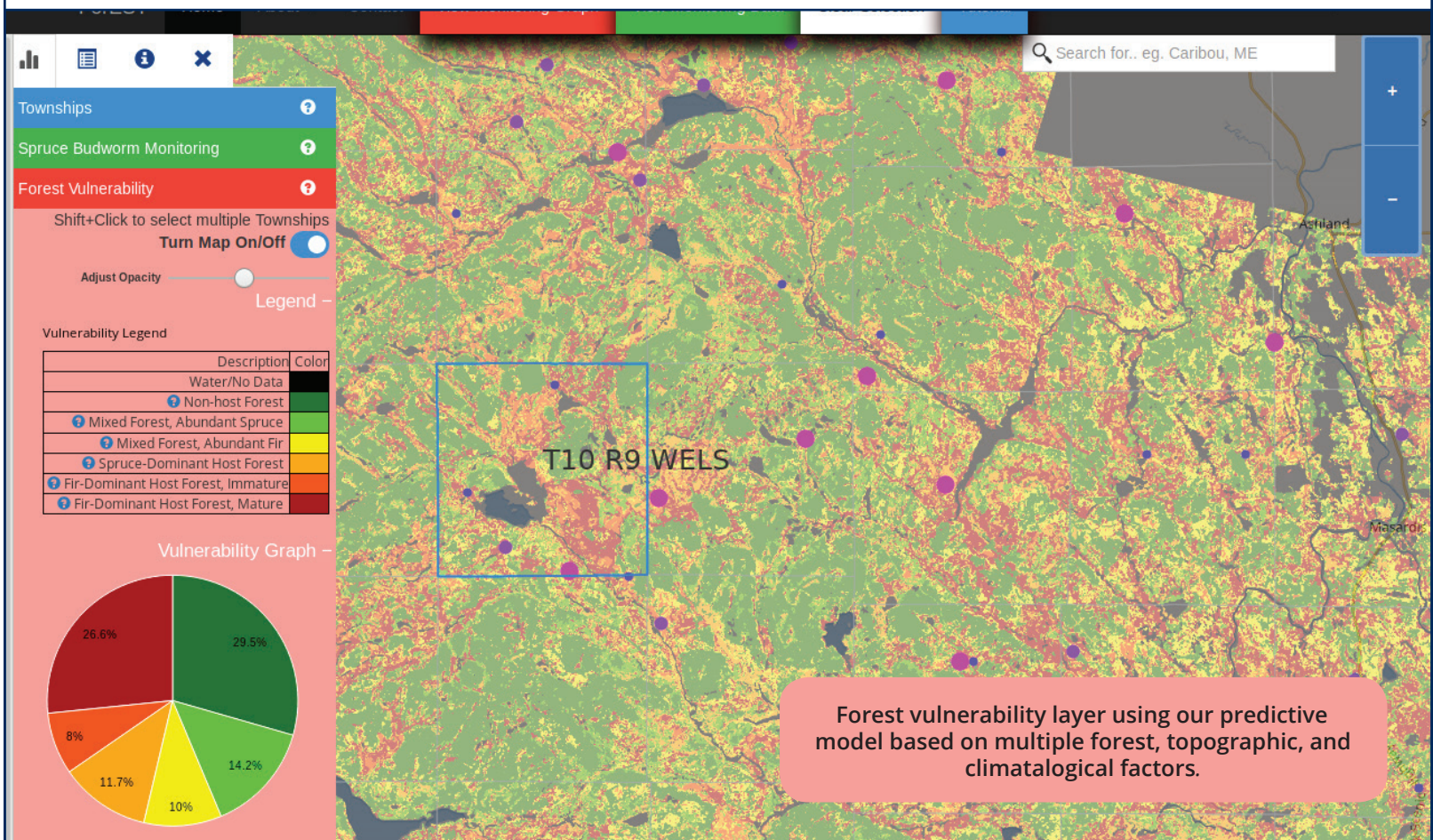
State-level sample view showing the ability to browse any specific spruce budworm data point and visusualize the year over year measurements.

What Is the ForEST App?

An interactive web mapping application to provide decision support to private and public forest managers, natural resource agencies, conservation organizations, and other stakeholders through the development of new knowledge and modes of knowledge management and transfer.

ForEST will enable the visualization and interpretation of high-resolution maps of forest and habitat conditions that will be updated annually from freely available satellite imagery using an innovative and nearly automated process.

Release Date: Spring 2020



Forest vulnerability layer using our predictive model based on multiple forest, topographic, and climatological factors.

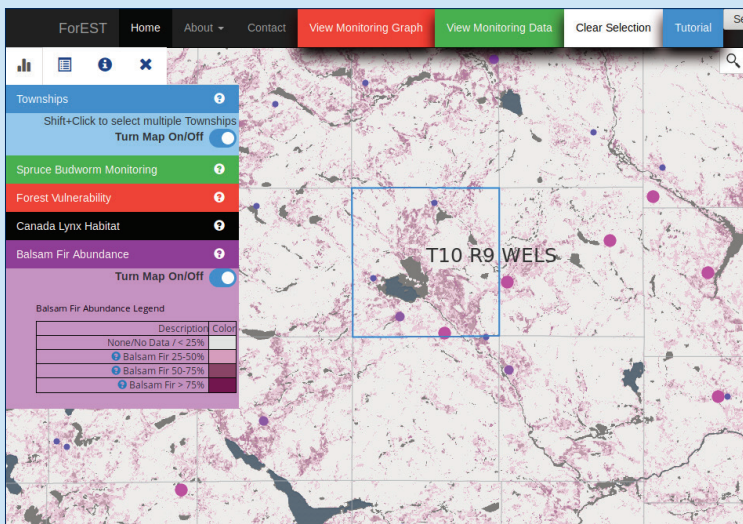
ForEST App

Initial Implementation

- Map interface with navigation, visualization and summary tools
- Key geospatial data layers needed for planning
- Development of innovative remote sensing methods to continually update layers

Future Plans

- Additional resource relevant to other landscape planning needs
- Extension of maps to encompass entire state
- Additional functionality: Spatial and trend analysis tools
- Automatic notification of key changes



Example of satellite imagery processed to identify a particular species abundance (Balsam Fir)

The GeoSolutions Team

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ForEST: A unique web application designed to facilitate interpretation of current forest resource and habitat conditions, recent trends, and projected futures under management, disturbance, and climate scenarios.