

Other Natural Resources

The category of natural resources is a broad area covering ecosystem-level themes such as visual impact or "viewsheds," as well as ecosystem management. It also covers more specific resource management applications such as soil conservation efforts that are not covered in other applications. This category also considers additional applications of monitoring, assessment, analysis and planning that are broader in scope than those addressed by the Forest Assessment and Planning category. To date, at least 11 SFOs use GIT in this area. Of this number, eight use GIS, three use RS, which is predominantly aerial photographs, and four use GPS.



Illinois

The Division of Resource Protection and Stewardship uses GIS and GPS for several natural resource applications, including maintaining lease information on agricultural lands within state properties. It also is used to map Illinois Natural Areas Inventory sites, which have high quality natural communities on state and private lands.



New Jersey

The Division of Parks and Forestry's leading applications of GIS and GPS include ecosystem management and forest restoration activities. The Division uses Natural Resource Conservation Service (NRCS) SURGO digital soils data, 3-meter resolution panchromatic, and 1-meter false color infrared digital orthophotos for these efforts.



Minnesota

The Division of Forestry uses GIT in general environmental analysis, ecosystem planning, and riparian forest monitoring, as well as other natural resource management.