



United States
Department of
Agriculture



Geospatial Security Information System

❑ Objective

- To provide a spatial view of USDA facility data at the national, state, capitol region and facility level.

❑ Features

- Provides geospatial data layers to display USDA facility data
- Querying capabilities based on data fields tied to the GIS layers
- Geospatial analysis tools such as:
 - Buffering (line, point, and polygon)
 - Identification (layer points are selectable and display site properties)
- Exportable reports in csv (excel compatible) tables.
- Exportable Google Earth KMZ files

- **GeoSIS** is a geospatial information system that allows users to perform complex analysis through an easy to use map based interface.

- Supports management decision making in the event of natural disasters, etc. For example, facility location in the path of a hurricane could be identified along with associated critical infrastructure such as highways, bridges, waterways, and security assessment information about the number of personnel and points of contact for that facility.

- ❑ GeoSIS uses ESRI GIS COTS, SQL database, and a reporting application to combine and display facility assessment data and geospatial data to allow the user to analyze physical security vulnerabilities at mission critical facilities across the country.

- ❑ GIS Information

- Critical Infrastructure
- Weather
- Demographics and Crime Statistics
- Waterways and Highways
- Aerial Imagery

