

# E-Plan™

E-Plan™ Damage Assessment Module uses the power of GIS to simplify the damage assessment process as well as developing detailed databases to be used for analyzing disaster impacts and providing accurate assessments of post-event hazard damage. It allows the user to create summary tables and reports and the ability to graphically plot these results in a single environment.

**E-Plan™** is a GIS (Geographic Information System) based program that works as an extension of the **E-Alert™** application. The module taps into the underlying GIS data sets to provide lot specific information such as, PIN, address, owner, assessed value, land use code, historic designation, and repetitive loss status, if applicable. The user is able to navigate the system by a simple point-and-click method, immediately accessing information on a specified area.

With **E-Plan™** you can get an overview of the local jurisdiction and overlay information such as critical facilities, economic and environmental analysis, hazard analysis and mitigation opportunities. The Buffer function is useful in performing spatial analysis. Buffering allows you to visualize points, lines, or areas and adjacent areas that are potentially affected by an incident. Buffering also allows database information to be compiled and displayed in the Estimated Losses Tab window. Buffers can be created for incidents such as floods, earthquakes, tornadoes, coastal storms, wildfires, tsunamis, and landslides.

- \* Easy to use Graphical User Interface
- \* Useful in Homeland Security planning
- \* Provides case history management tools
- \* Powerful, secure, scalable reporting tool
- \* Internet based accessibility and transactions
- \* Prints completed FEMA damage assessment forms
- \* Estimates potential damages for use in pre-event planning
- \* Capability to identify, map and plot repetitive loss structures
- \* Ability to maintain records on damaged facilities and structures
- \* Citizen Participation Module included for responding to citizen requests
- \* Use underlying demographics information to project damage to population
- \* Ability to estimate replacement costs
- \* Summarizes damage assessment totals for both property values and damages
- \* Provides a visual record of property surveyed during the damage assessment process
- \* Ability to document emergency planning resources and contacts, such as hospitals and schools
- \* Use underlying GIS data to generate damage statistics for federal and state reporting purposes.
- \* Maps structures with color codes based on damage "postings" (Inspected, Restricted Use or Unsafe)
- \* Ability to access, store, and evaluate information needed

## Key Benefits and Features:

The Training feature provides convenient access to various disaster mitigation training and risk assessment training documents. This repository of comprehensive PDF files and Word Documents can help increase your knowledge and understanding of disaster mitigation and risk assessment processes. The Disaster Mitigation and Assessment Planning feature provides convenient access to various disaster mitigation and risk assessment planning documents. This repository of comprehensive PDF files and Word Documents can help increase your success in disaster mitigation planning, future projects, and accurate risk assessment. Numerous questionnaires, checklists, and rating forms are also provided.

**DBS** offers all-inclusive consulting and implementation services to assist in data acquisition, data conversion, application development, systems management and ongoing database development and management. Allow **DBS** to implement **E-Plan™** as your complete **Damage Assessment Management Solution**.

Other DBSysgraph products that integrate with and compliment **E-Plan™** functionality are:

- PortVantage™** (Port and Harbor Facilities Management Solution)
- E-Alert™** (Homeland Security and Interoperability Solution)
- FAMOGS™** (Facility & Asset Management Solution)
- SafePlant™** (Plant Safety and Process Tool)