CISP Research Areas

Threat Definition

Facility Descriptions

Integrated Decision Aid

Regional Monitoring

Blast Effects Damage Prediction

Detect - Deter Protect

Recovery Measures

Consequence Assessment
Web Portal?

- Definition from Webopedia:
  
  “Commonly referred to as simply a portal, a Web site or service that offers a broad array of resources and services, such as e-mail, forums, search engines, and on-line shopping malls. The first Web portals were online services, such as AOL, that provided access to the Web, but by now most of the traditional search engines have transformed themselves into Web portals to attract and keep a larger audience.”
Objective

- Develop framework for efficiently managing data, documents, and tools with easy, controlled access to support Homeland Security needs
Portal Capabilities

- Serves as the download site for R&D and security-related tools or models and the data required to perform assessments
- Provides repository of information pertaining to projects
  - Content management
  - HQ, Division, District level can add or delete data
- Provides central place to archive and search for data, data sources, documents, tools
  - Search web portal plus USACE and business partners
  - Retrieves data of interest from varied sources
- Lite GIS capability for viewing/analysis of assets
Data

- Driven by tool requirements
- Data sources
  - USACE (DPN, ENGLink)
  - Federal (USGS, NGA, DHS, Geospatial One-stop, etc.)
  - State agencies
  - Industry (ESRI, etc.)
- Published links and automated data retrieval
Controlled Access

Log-in
Can use UPASS, AKO, or custom
Text and Map based interface for selection of asset
Main Page

Quick access to tools
Tools

Selection of tool from categorized list
Tools

Installation and Operation

Example Problems

Technical Documents
Project Info

Quick access to other sites

Download of AT Planner for Dams specific information

Links to data sources (some are dynamic)
Project Info (NID)
Project Info (DPN)

Project General Information

- Record Number: 1124
- Congressional Project Name: MELVIN PRICE LOCK AND DAM, IL & MO
- PWW: 982
- Authorization: PL 96-502
- Current Progress: In Progress
- Project Type: B - Construction, Dam
- Category/Class/Subclass: 230 - Navigation, Locks and Dams
- Condition of Improvement: 09/03/1997
- Date of Database Update: 12/03/1996
- Depth Draft: No

Project Organization Information
Project Info (DVL)
Project Info (TerraServer)
Demonstration Project
Links

Documents

Reconfigurable list of links

- American Society of Engineers
- Association of State Dam Safety Officials - Web Site
- CBW-O
- Civil Works Digital Project Notebook
- Commercial and Civil Imagery
- ContextView Web
- Critical Infrastructure Protection Priorities
- DHS Department of Homeland Security DHS Home Page
- Digital Homeland Library Readied
- Digital Project Notebook - New Orleans District - US Army Corps of Engineers
- Digital Project Notebook Index Page
- Digital Projects Notebook Homepage
- DPH - Digital Project Notebook - Walla Walla District
- easy - Government to Government Portfolio
- Electronic Security Center
- ENGLink Current and Future
- ENGLink INTERACTIVE
- Environmental Database
- Environmental Database Encyclopedia of Environmental Information
- ERGS Data Center, Sioux Falls, SD
- ESRI-FEMA Hazard Awareness Site
- February 2005 Engineer Update
- Federal Emergency Management Agency
- Federal Geographic Data Committee
- FEMA Are You Ready Guide to Citizen Preparedness
- FEMA Flood Hazard Mapping - FAQ’s (Engineers-Surveyors)
- FirstGov - The US Government's Official Web Portal
- Free GIS Data - GIS Data Depot
- geodata.gov
  1 2 3 4
Future R&D

R&D in support to Baseline Security Posture and USACE Homeland Security Strategic Plan (FY07-11).

- Integrated assessment procedures.
- Standardized risk/vulnerability procedures for evaluation of post-BSP security upgrades.
Summary

• Portal will provide:
  – Features
    • Secure easy access
    • Collaboration tools (forum), Lite GIS, Content management, Automated retrieval of data
  – Documents and Data
    • Data for district projects (RAM-D reports, design documents, ATP-D data files, etc.)
    • Sources of data (ENGLink, DPN, Corps sites, NSDI clearinghouse nodes, etc.)
  – Tools
    • RAM-D, ATP-D, R&D tools, other security related tools
Questions ?