NIRIS
The Transition
“As-Is” Perspectives

“To-Be”

Transitional Initiatives

What’s Next?
What is NIRIS?
NAVFAC ERP mission support solution

IR management, data analysis, & visualization tools

The authoritative source for all IR data
# What does NIRIS Do?

## Project Support

### Environmental Data Management

<table>
<thead>
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<th>Project Support</th>
<th>Environmental Data Management</th>
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</thead>
<tbody>
<tr>
<td>NIRIS Collaboration</td>
<td>ER Search (Doc Mgmt)</td>
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<tr>
<td>Land Use Control (LUC) Tracker</td>
<td>Query Tool</td>
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<tr>
<td>WebGIS</td>
<td>Reports</td>
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<tr>
<td>SAP Review</td>
<td>eGIS*</td>
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<td>Public Websites</td>
<td>GMS*</td>
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<td>Explosive Safety Submission (ESS) Review</td>
<td>Data Checker</td>
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<tr>
<td>Technical Support Tracking System (TS2)</td>
<td>Data Loader</td>
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</tbody>
</table>
# NIRIS 2010 – Data Points

## Total Users by Command

<table>
<thead>
<tr>
<th>Command</th>
<th>Totals</th>
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</thead>
<tbody>
<tr>
<td>ATL</td>
<td>65</td>
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<tr>
<td>HAW</td>
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<tr>
<td>MAR</td>
<td>55</td>
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<tr>
<td>MW</td>
<td>85</td>
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<tr>
<td>NW</td>
<td>96</td>
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<tr>
<td>SE</td>
<td>129</td>
</tr>
<tr>
<td>SW</td>
<td>242</td>
</tr>
<tr>
<td>WA</td>
<td>114</td>
</tr>
</tbody>
</table>

### 542 Unique Users

### Analytical Results

- **34,185,538** Records
- **116,153** Records
- **421** Records

### ERP Documents

### Land Use Controls
Assess
Symptoms:

NIRIS Modules
• Not well-aligned with business processes
• Non-intuitive
• Tools are not well-integrated

NIRIS Interface
• Outdated and archaic
• Unclear, confusing access/provisioning

Connections
• Limited ability to interface with other systems
• No communication with other organizations
• No internal EV communication

NIRIS Management
• Directional confusion
• Part-time focus
Diagnosis:

Frustration
“Hopefully Optimistic”

Accredited System

Authoritative Repository

Data Submission & Enforcement

Admin Record Management & Distribution
Where Do We Want “To-Be”?
Interoperability
Interoperability

when you can interact with another without knowing the details of how they work
Integration
Combining tools to interact with one another for an enhanced information sharing experience
Distribute responsibility for applications back to the community rather than to NIRIS management.
Accountability
Accountability

The ability to provide a verification of interaction and cost savings.
Ease of Use
Ease of Use

Intuitiveness; tools are perceived to be useful to achieve a particular goal or task
How do we get there?
NIRIS 2.0
The Transition Begins...
Re-Structured Workgroup

Operations
Training & Outreach
Planning & Procedures
Data Management
Application Management
Systems Management
Organizational & System Relationships

NAVFAC IT Center (NITC)
New Project Manager – Devon Thomas
More system management autonomy

Environmental (EV)
HQ focus on GIS data and business system mgmt

GeoReadiness (AM)
Working towards more efficient information sharing methods
System Adjustments

ArcGIS Server (AGS)

A new & improved mapping interface!

- Overlay more up-to-date reference data
- Seamless interoperability with other organizations
- Technology to support integration of GIS into business process
System Adjustments

Microsoft Sharepoint Services

Robust partnering team collaboration tools

- creation of team management workspaces & team members
- calendar & tasking for project teams
- versioned document sharing
Public Webpages

http://go.usa.gov/gGy
Workgroup Initiatives

Metrics

Return on Investment - Senior Leadership

Installation Quick View – RPM

Program Implementation - Workgroup
What’s Next?
Expectations
Aggressive Phased Transition

1. LUC Tracker (incl KBCRS connection)
2. WebGIS transitioned to ArcGIS Server
3. Embedding of GIS within NIRIS modules
4. Streamlined NIRIS front-end
5. Analytical Query Tools
6. Use of Sharepoint Services
1. Integrate collaborative SharePoint Services

2. Obtain Navy Approval to Operate (ATO)

3. Initiate next-generation geospatial platform (ArcGIS Server)

4. Standardize framework for common user functionality
   - LUC Tracker/EDMS/Maps function in a common environment

5. Enhance/Streamline existing NIRIS modules
   - Continuous Process Improvements
First Annual NIRIS Exhibition 2011

Wednesday 1:00 PM – 5:00 PM
Coral Room

- Live demonstrations
- Hands on interaction
- Sign up live for a NIRIS account
- Get answers to NIRIS related questions
- Informational Handouts
Takeaways

NIRIS IS FUNCTIONAL
... but needs some attention…
… and will ALWAYS need attention.

NIRIS 2.0 TRANSFORMATION
Aggressive phased implementation of core technologies

ENTERPRISE IMPLEMENTATION
Building for long-term, low-cost sustainment
  – Interoperability
  – Integration
  – Ownership
  – Accountability
  – Ease-of-Use
Naval Installation Restoration Information Solution

http://go.usa.gov/gHP