



US Army Corps
of Engineers ®

eGIS Workshop

Division: South Pacific Division
Albuquerque (SPA)
Sacramento (SPK)
Los Angeles (SPL)
San Francisco (SPN)
Participant Team: SPK
Tom Sobolewski and James Oliver

6/10/08

Slide 1



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Organizational Frame

- Title Page
- Success Story 1
- Success Story 2
- Success Story 3
- Challenges Ahead
- District eGIS Vision

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Slide 2



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Objectives of the Workshop

- Outcome: Effective delivery of ERDC geospatial tools into District Enterprise GIS (eGIS) frameworks
- Objectives:
 - Improve ERDC understanding of how to best produce and deploy applications that support district needs
 - Identify district challenges, successes and direction in the use of advanced GIS tools
 - Provide information and solicit feedback on ERDC tool development
 - Begin to develop a road map for us to follow

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Purpose of the Presentation

Purpose of the division/district presentations:

- Set the context for the workshop
- Share common understandings of the current state of eGIS
- Identify successes, trends, needs, and challenges

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Guidelines to Presenters

- Bring your presentation on a memory stick
- Timeframe: 12 - 15 minutes total
 - Including questions
 - Facilitator will signal
- Focus on the organizational frame - 6 slides
- Use the Rule of Six for text
 - Six lines per slide/Six words per line
- Use graphic representations when appropriate

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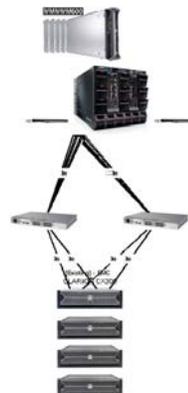
Slide 5



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Success Stories

- Deployment of ArcIMS for Military and Civil Works Projects
 - Ft. Irwin
 - Sacramento Bank Protection
 - Presidio of Monterey
 - Other Similar projects
- Describe the technology solution
 - ArcIMS from Central database
 - Simple Tool sets
 - DBA from CRREL (Oracle)
 - Storage Area Network – Blade Servers
- What contributed to its success?
 - Funding
 - Management Championship
 - Autonomous IT Process
 - Off-the-Shelf Technology



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Success Story 2

- Describe the technology solution - initiative, program, project, tool, or dataset
- What contributed to its success?
- Consider using
 - text for talking points
 - a picture or graphic to tell the story

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Sacramento River Bank Protection Project, GIS Website

Show Corps Rock Placed in 1930-1939

Field: YEAR_CONST Operator: = Sample Values: *1930-1939* Add Or

Add to Query String: YEAR_CONST = *1930-1939* Execute Undo Clear

Query: Done

Slide 8



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Success Story 3

- Identify an eGIS technology based success story
- Describe the technology solution - initiative, program, project, tool, or dataset
- What contributed to its success?
- Consider using
 - text for talking points
 - a picture or graphic to tell the story

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Biggest Challenges

- Identify district challenges in the use of advanced GIS tools?
 - O-T-S Advanced Tools
 - Identify Need and Purchase
 - Gov Created Advance Tools
 - Not always compatible with O-T-S software
 - Time to develop and upgrade issues.
 - Support is limited to Gov resources.
- What are the **five** biggest challenges?
 - Qualified GIS Specialists through COE recruitment process.
 - Pay Grades for GIS Specialist vs. Private Industry
 - DBA Support
 - ACE-IT- Understanding Roles: ACE-IT vs. USACE personnel.
 - Admin Rights (what level??)
 - Software/Hardware Timely Purchase (Centralized??)
 - Managing Expectations of Customers.
- What are the obstacles you must overcome?
 - Same as above.

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District eGIS Vision

- What will your district eGIS look like in 3 years?
 - ArcServer for Distribution and Geoprocessing
 - Google Earth for Visualization
 - Central Database (Oracle) for all base and project data
 - 5-10 Blade Servers with SAN 65TB+
 - Seven Qualified GIS Specialist (Civil Works & Military)
 - GIS PM/Lead
 - Four Master Planners (Military)
- How would you describe eGIS in 2011?
 - An integral part of USACE business process
 - Same as above.

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