

CSU/NPS Project Final Report

Project Title: Digital Information Services Research and Development for the NPS Resource Information Management Division	NPS Task Order #: J2551075137 CSU project #: 531880
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Project Objectives:	
Project Activities:	
Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters): <ul style="list-style-type: none"> • Collaborate closely with NPS personnel to research, design, develop, and implement a comprehensive Digital Information Services (DIS) Program and provide support for associated enterprise services utilizing appropriate standards and information systems technologies. • Provide project management support for a variety of DIS Program activities. • Investigate, research, evaluate, and document software requirements and applications for metadata management systems as needs are identified. • Compile, integrate, test, and provide training support for a digital image metadata standard for managing digital information. • Provide workflow requirements analyses, workflow identification and documentation, and metadata standard research, development, and review utilizing XML and existing standards and applications. • Provide documentation of research results, implementation recommendations, and development requirements for functional interactions among digital information and image services with related resource information management applications. 	
Project Accomplishments:	
Objectives accomplished for the project include: <ul style="list-style-type: none"> • Researched and coordinated the development of the NPS Bibliographic Metadata Exchange Standard (still in progress) by providing metadata standard research, development, and review. • Developed and supported execution of project plan for migration of NPS Focus Information System from D.C. to Denver - COMPLETE • Coordinated with another cooperator to develop and deploy a new tutorial module for NPS 	

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Focus on DOI Learn - COMPLETE

- Coordinated with multiple NPS parks and programs to upload large image sets and integrate with NPS Focus using web services:
 - Facilities Management Division
 - National Register of Historic Places
 - Budget Office (Project Management Information System)
 - Midwest Region GIS Program
 - Southeast Archeological Center
 - Vanishing Treasures Program
 - Abandoned Mineral Lands Program
 - Harper's Ferry Center
 - American Recovery and Reinvestment Act (ARRA)
 - NPS History Program Historical Documents (Harry Butowsky)
- Conducted monthly Park Digital Information Managers meetings to facilitate communication and foster collaboration among parks and programs.
- Developed and supported communication site on the RIM SharePoint site for DIM and NPS Focus.
- Provided general image management guidance and support to NPS parks and programs.
- Provided project management support for the NPS Focus Migration, Civil War Sesquicentennial Website, and Bibliographic Metadata Exchange Standard projects.
- Supported interagency metadata activities including NSDI Category I CAP Grant proposal reviews.
- Provided metadata workflow identification and requirements analysis to support NPS parks and programs
- Collaborated with the following NPS repositories and programs to coordinate service wide digital information management workflows:
 - Natural Resource Program Center IRMA Reference Service
 - Denver Service Center Technical Information Center (TIC)
 - WASO-NISC-Web Content Services Division