## **CSU/NPS Project Final Report**

Project Title:	NPS Task Order #: J2551053034
Geographic Information Systems, Remote Sensing, Global Positioning Systems, and Mobile Mapping Research and Development for the NPS GIS Program	CSU project # 5-32873
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<b>Federal Project Manager:</b> Joe Gregson - Chief, Resource Information Services Division, National Park Service	Additional Federal Project Staff: Allen Sparks – National Park Service Tim Smith - National Park Service
<ul> <li>web mapping services required by NPS parability to manage and provide public access</li> <li>Collaborate with affiliates at other university to research, compile, integrate, and test new eclectic resource information for easy public accession of the second se</li></ul>	ities, non-Federal support groups, and NPS staff w ideas and methods to manage and publish lic access. capturing and transferring thematic resource n multiple (often disparate and widely capable of disseminating dynamic maps and
Project Activities:	
<ul> <li>NPMap to support multiple NPS program a databases via dynamic, data-driven website</li> <li>Scoped, researched, and built a web map a</li> </ul>	pplication for the NPS Abandoned Mine Lands complete redevelopment of the AML database,

installation and maintenance, and web mapping assistance.

- Conducted research and assisted with implementation of GIS data standards and the "Generic Enterprise Model" in support of the NPS EGIS program. This generic model is intended to be used by parks and programs to hold their geospatial data.
- Assisted various RISD partners with data creation/management/aggregation projects.

## **Project Accomplishments:**

- Completed initial R&D and implementation of the NPMap web mapping framework.
- Built multiple web mapping applications using NPMap.
- Transferred technical knowledge and research results to NPS staff and affiliates.
- Supported multiple partners and programs with their data creation and management needs.
- Successfully transitioned ongoing project work into a new CESU task agreement.