



National Preservation Institute

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Education and Certification:

- M.A., urban affairs with a specialization in historic preservation, University of Delaware, College of Urban Affairs, thesis on Geographic Information Systems and Their Application in Historic Preservation, 1996
- B.A., historic preservation, Mary Washington College, Department of Historic Preservation, *Magna Cum Laude*, 1994; Gettysburg College, Department of History, 1990-1991
- Certified GIS Professional, GIS Certification Institute, 2007

Experience:

Chief, Cultural Resources Geographic Information Systems Facility (CRGIS), National Park Service (NPS), previously acting program manager and historian/GIS specialist, 2000-present. Work on ways to apply GIS and new spatial technologies for cultural resource management, planning, and stewardship activities. Help direct and develop federal standards for cultural resource spatial data and chair the Federal Geographic Data Committee (FGDC) Cultural Resource GIS Subcommittee. Serve as the national cultural resource program representative to the NPS GIS Council, providing a cultural resource perspective. Help to lead the development of NPS cultural resource spatial data standards, adopted in 2010. Constructed a GIS methodology for the Federal Emergency Management Agency to assist with Section 106 compliance following Hurricane Katrina. Work with State and Tribal Historic Preservation Offices (SHPOs/THPOs) to customize GIS for individual inventory databases. Conduct training in ArcGIS® and NPS cultural resources spatial data standards for NPS, SHPO staff, and the National Preservation Institute.

Geographic information specialist, National Conference of State Historic Preservation Offices, 1997-1999. Lecturer, Mary Washington College, Department of Historic Preservation, 1998-2001. Consultant, Stratford Hall Plantation, 1996. Research assistant, University of Delaware, Center for Historic Architecture and Design, 1994-1996. Crew leader, Mary Washington College historic archaeology summer fieldschool, Center for Historic Preservation, 1994-1996. Intern, Virginia Department of Historic Resources, Survey and Register Division, 1993-1994.

Publications and Presentations:

“Facing Disaster: The Importance of Heritage Inventories in Preparation and Response,” *Conservation Perspectives: The Getty Conservation Institute Newsletter*, Heritage Inventories, fall 2013. *National Park Service, Cultural Resource Spatial Data Transfer Standards: Guidelines for Use and Implementation*, 2011, revised 2014. Presented NPS cultural resource spatial data standards, implementation efforts, and progress on the FGDC cultural resource standards at federal agency, Tribal GIS consortium, and ESRI Federal User Conference meetings, 2009-2012. Presented GIS, GPS, and disaster response information at U.S. Telecommunications Training Institute meetings, 2010-2012. McCarthy, Deidre, *Historic Preservation Response Methodology: Based on the Hurricane Katrina Model*, National Park Service, 2009.