

## KONSTANCE LYNN WESCOTT

Ecological and Geographical Sciences Section  
Environmental Science Division  
Argonne National Laboratory

### Education:

M.A. Northern Illinois University, Anthropology, 1991  
B.A. North Central College, Mathematics, 1988  
B.A. North Central College, Sociology/Anthropology, 1988

### Professional Experience:

2000-present Environmental Scientist  
1991-2000 Assistant Scientist -- Cultural Resources  
Environmental Science Division  
Argonne National Laboratory

Responsible for preparing cultural resource sections of environmental assessments (EAs) and environmental impact statements (EISs) for various federal agencies, including the U.S. Department of Energy (DOE), the U.S. Department of Defense (DoD), the U.S. Department of the Interior, and the U.S. Nuclear Regulatory Commission. These sections support compliance with local, state, regional, and federal laws and regulations pertaining to the National Environmental Policy Act (NEPA) and the protection of cultural resources (the National Historic Preservation Act, the Archaeological Resources Protection Act, American Indian Religious Freedom Act, and others). Duties include reviewing and synthesizing existing reports; collecting, analyzing, and interpreting data; developing approaches to investigate potential effects, as well as developing possible mitigative measures; consulting with the proper agencies (e.g., State Historic Preservation Office, SHPO) and governments (i.e., Native American Tribal Offices); and preparing reports. Occasionally manage NEPA assessments.

Provide technical support in cultural resource management to DOE and DoD facilities, including writing management plans, consulting with SHPOs, conducting surveys, providing mitigation recommendations, managing archaeological collections, and reviewing contractor reports. Prepare proposals for, conduct, and manage archaeological surveys, historic building inventories, and mitigative documentation for significant historic properties. Supervise ANL archaeology staff during field work and in the preparation of written reports. Develop approaches for applying Geographic Information Systems (GIS) and remote sensing to archaeology, such as the predictive modeling of archaeological site locations or the management of cultural or sacred landscapes.

Currently serve as the Argonne team lead for two License Renewal Supplemental EIS projects for the Nuclear Regulatory Commission, Crystal River Unit 3 and Palo Verde Nuclear Generating Station Units 1-3, and technical lead for cultural resources for both of those projects, as well as for Diablo Canyon Power Plant Units 1 and 2. Also serve as technical lead for cultural and paleontological resources for a programmatic EIS on solar energy development for the Bureau of Land Management and the Department of Energy. Recent NEPA project management has included a programmatic EIS document establishing an Oil Shale and Tar Sands Resources Leasing Program on Bureau of Land Management-administered lands in Colorado, Utah, and Wyoming, Supplemental EISs for the License Renewal of Susquehanna Steam Electric Station Units 1 and 2 and Palisades Nuclear Power Plant, a programmatic EIS document establishing a Wind Energy Development Program on Bureau of Land Management-administered lands in 11 western states, and an EIS document for the renewal of the right-of-way for the Trans-Alaska Pipeline System. Other recently managed projects include several historic building mitigation projects, a site-wide historic building inventory, mitigative documentation of several National Register eligible nuclear reactors, numerous archaeological surveys, a social survey project for the U.S. Forest Service, and a collections management project for the Rocky Mountain Arsenal. Provide additional technical support on cultural resources, visual resources, land use, and alternatives for various other EAs and EISs, such as the Palisades, Dresden, and Donald C. Cook Nuclear Plants, Oyster Creek Nuclear Generating Station, and Vermont Yankee Nuclear Power Station License Renewal Supplemental EISs, the Connecticut Yankee License Termination EA, and the Mixed Oxide Fuel Fabrication Facility EIS, each for the U.S. Nuclear Regulatory Commission.

**Research Interests:**

GIS Applications (in Archaeology, NEPA Assessment, and Facility Planning)  
Predictive Modeling of Archaeological Site Distributions  
Mesoamerican Archaeology  
Museum Studies

**Professional Affiliations:**

Adjunct Professor, Northern Illinois University (2000 – present)  
American Anthropological Association (member since 1989)  
Illinois Archaeological Survey (member since 2000, formerly on website committee)  
Society for American Archaeology (member since 1990)

**Publications:**

Author of 40+ book, report, and conference publications.