



## February 2018 Update



**This Week!**

### **Climate Change in America's National Parks Webinar Series**

Thursday, February 8, 2pm EST | 11am PST

**Protecting American Heritage through Linked Data:  
Using DINAA (Digital Index of North American Archaeology) as a  
Guide in a Changing World**

David Anderson, Department of Anthropology: University of Tennessee, Knoxville  
and collaborators

Register here: <https://register.gotowebinar.com/register/7187977390548369665>

Linking heritage data at regional and continental scales is essential if we are to effectively plan for and steward human history through current and coming environmental change. This project used the [Digital Index of North American Archaeology](#) (DINAA) to explore how projected sea-level rise and human population displacements in the coming years, if

unchecked, will impact vast numbers of settlements, cemeteries, and cultural landscapes past and present. DINAA is a continental-scale database that allows online access to linked heritage and environmental information, providing a powerful modeling and planning tool useful for research, resource management, and public education. Developed by a large and diverse team of archaeologists, resource managers, and interested parties in state and federal agencies and tribal nations, DINAA currently includes nonsensitive data from half a million archaeological sites in 15 states in Eastern North America, and is expanding as rapidly as new partners are added to the project. DINAA provides a powerful example of how access to open data can highlight the richness of the archaeological record that surrounds us, and raise public awareness about the changes in human settlement that have occurred over the ca. 15,000 years people have lived in the Americas. Tools like this allows us to make better informed forecasts and policy decisions about the consequences of rapid climate change, extreme weather events, losses to history and heritage, and the relocation of displaced populations. [View publication](#) and [view data](#) .

**David G. Anderson** is a professor in the Department of Anthropology at the University of Tennessee, where he started in 2003 after a lengthy career in cultural resource management working with the National Park Service as well as several private and state CRM programs. Over the past 45 years he has conducted archaeological fieldwork in the southeastern, southwestern, and midwestern United States, and in the Caribbean. Along the way he earned an MA from the University of Arkansas in 1979 and a PhD from the University of Michigan in 1990, and received research awards from the Southeastern Archaeological Conference and the Society for American Archaeology. This work is documented in some 50 books and technical monographs and >400 shorter papers and meeting presentations. Professional interests include exploring the development of cultural complexity in Eastern North America, climate change and its effect on human society past and present, maintaining and improving the nation's CRM program, teaching and writing about archaeology, and developing technical and popular syntheses of archaeological research.



Also joining us will be presenters from Open Context, Indiana University (South Bend), and the Eastern Band of Cherokee Indians.

## **Registration Deadline Extended! Interpreting Climate Change Virtual Course**

Tuesday, February 27 - Thursday, March 1, 2018  
12:00pm to 5:00pm EST | 9:00am to 2:00pm PST

The deadline to register for the free Interpreting Climate Change online course on DOI Learn has been extended until Friday, February 9! This online course provides an overview of the practical knowledge and skills that will enable interpreters to develop effective, engaging programming for both natural and cultural sites.

This course is only available to National Park Service employees. [Additional information and registration instructions](#) are available on the Common Learning Portal. Contact [matt\\_holly@nps.gov](mailto:matt_holly@nps.gov) for more information.

## Spotlight on Interns: Future Park Leaders of Emerging Change

### Assessing the Vulnerability of Derby Wharf by Shanasia Sylman, Harvard University

Salem Maritime National Historic Site is an urban and coastal park along Salem Harbor in Salem, Massachusetts. It is home to several historic buildings and historic wharfs that tell the story of early America's maritime industry and economic independence. As a maritime site, its relationship with the waterfront continues to change over time, though the structures of the site remain the same. Effects of a changing climate challenge historic preservation efforts of the staff. Preliminary assessments indicate that Derby Wharf, one of four historic wharfs at this site, is highly vulnerable to current environmental conditions, as well as projected future conditions from climate change impacts, such as sea level rise, increased storm surge, and more frequent tidal flooding. [Read more to learn about Shanasia's project](#).



*Editor's Note: The FPL program operates under the Department of the Interior Direct Hire Authority. Through participation in the FPL program, alumni receive two years of eligibility after graduation to be noncompetitively placed in positions. For a listing of alumni currently available under DHA, please visit the [NRSS Internships alumni page](#).*

## Free Unlimited On Demand Climate Change Training

The Climate Change Response Program invites interested NPS employees, partners, and volunteers to enjoy unlimited access to the Association of Climate Change Officers (ACCO) [library of on-demand and live online training](#) FREE for one full year. This opportunity affords participants unparalleled flexibility to customize training according to their needs and work around busy schedules.

Availability is limited and will be awarded strictly on a first-come, first serve basis. For instructions on how to register for this opportunity, please contact Larry Perez at [larry\\_perez@nps.gov](mailto:larry_perez@nps.gov).



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