

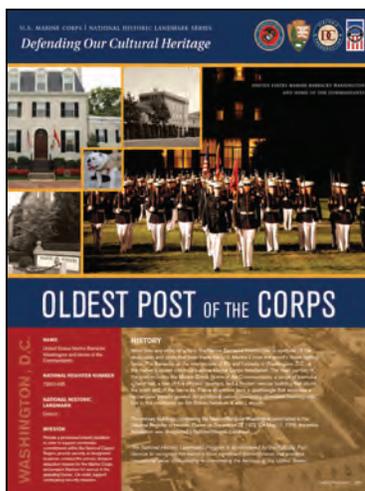


DEPARTMENT OF DEFENSE CULTURAL RESOURCES PROGRAM

CULTURAL RESOURCES *UPDATE*

2011 Fall- 2012 Winter Quarterly Edition

Volume 8, Number 3



U.S. Marine Corps Kicks Off New Outreach Initiative

By: Dr. Sue Goodfellow, Head, Planning & Conservation Section, HQ, U.S. Marine Corps

On 9 November 2011, the U.S. Marine Corps (Marine Corps) officially kicked off its newest public outreach initiative, a poster series highlighting Marine Corps' efforts relative to historic preservation and cultural resources management. Since 2003, the Marine Corps has published a series of posters highlighting its efforts relative to endangered species protection. This existing series, called "Saving a Few Good Species" consists of eight posters (ninth is in design) developed in partnership with the U.S. Fish and Wildlife Service. In light of the success of that series and increasing focus by OSD on how our Conservation Programs benefit the mission and the American public, the Marine Corps decided to develop a comparable poster series regarding cultural resources initiatives, titled "Defending Our Cultural Heritage."

The new poster series as a whole will highlight different elements of the Marine Corps cultural resources program; however, the initial four posters in the series represent a sub-series on Marine Corps' stewardship of its National Historic Landmarks (NHLs), including the Marine Barracks Washington, the Charlesfort-Santa Elena site at MCRD Parris Island, the Las Flores Adobe at MCB Camp Pendleton, and the complex of hangars and sea plane ramps at MCB Hawaii Kaneohe Bay damaged in the 7 Dec 1941 attack on that base. The NHL Program is administered by the National Park Service to recognize the nation's most significant historic places that possess exceptional value in illustrating or interpreting the heritage of the United States. The posters feature both historic and current images of the NHL, a description of its significance, a brief cultural history, and a summary of the current mission of the installation.

Each of the NHL posters is being developed in partnership with the Advisory Council on Historic Preservation, the National Park Service, and the State Historic Preservation Offices of the states in which the NHLs occur. The logos of each of these agencies appear beside the Marine Corps logo on the posters, and the agencies plan to feature the posters on their websites and distribute them among their communities. The ACHP has also agreed to be a partner on the poster series overall.

On 9 November, HQMC held an event at the Marine Barracks Washington to kick off the poster series and celebrate the initial poster on the Marine Barracks Washington NHL. Major General Kessler, Assistant Deputy Commandant for Installations and Logistics, hosted the event, which was attended by the Chair, Vice-Chair, and three Council Members of the ACHP; the Regional Director of the NPS National Capitol Region, a representative from the DC SHPO, and the Deputy Assistant Secretary of the Navy, for Environment. [See individuals in photo on the next page.] Each was given a framed copy

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CONFERENCES, MEETINGS, AND MORE

PRESERVATION ADVOCACY WEEK & NCSHPO ANNUAL CONFERENCE

PLACE: WASHINGTON, D.C.
DATE: 7-9 MARCH 2012

SOCIETY FOR ARCHITECTURAL HISTORIANS ANNUAL MEETING

PLACE: DETROIT, MI
DATE: 17-20 APRIL 2012

SOCIETY FOR AMERICAN ARCHAEOLOGY ANNUAL MEETING

PLACE: MEMPHIS, TN
DATE: 18-22 APRIL 2012

DEPT. OF THE NAVY ANNUAL CRM CONFERENCE

PLACE: SAN DIEGO, CA
DATE: 3-5 JUNE 2012

DoD HISTORIC BUILDINGS WORKSHOP

PLACE: SAN DIEGO, CA
DATE: 4-8 JUNE 2012

DEPT. OF THE AIR FORCE ANNUAL CRM CONFERENCE

PLACE: F.E. WARREN AFB, WY
DATE: 14-16 AUGUST 2012

NATIONAL TRUST FOR HISTORIC PRESERVATION ANNUAL CONFERENCE

PLACE: SPOKANE, WA
DATE: 31 OCT– 3 NOV 2012

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of the poster. The event also included a tour of the Marine Barracks Washington and the Home of the Commandants; the latter tour being led by Mrs. Amos, wife of the current Marine Corps Commandant. Mrs. Amos was given a framed copy of the



poster in a separate ceremony and plans to hang it in the front vestibule of the Commandant's House for visitors to see as they enter.

Ft. Monroe National Monument

With President Obama's announcement in November 2011, Ft. Monroe, VA National Monument became the 396th unit of the NPS. Hailing it a "Section 106 Success Story", the ACHP praised the NHPA Section 106 efforts of the U.S. Army, the Ft. Monroe Authority and the VA SHPO as the historic center of the garrison was moved into NPS stewardship.

"This was accomplished through a well-conceived and executed Section 106 process that began when the 2005 Base Realignment and Closure (BRAC) legislation mandated the closure of Fort Monroe," according to the ACHP.

Dating to 1819, though built on the site of a large, earlier defensive structure, Ft. Monroe remains an architectural splendor. Its seven sides surrounded by a moat and accompanying rich history will continue to inspire the nation.



"Best in the Navy"

Commander, Navy Installations Command (CNIC) Commander in Chief's Installation Excellence Award was given to Naval Air Station Jacksonville, FL for the large installation category and to Naval Weapons Station Seal Beach, CA for the small installation category. Each installation competed within their respective categories and won "Best in the Navy" in late 2011. The CNIC winners will compete with one-another for the Navy's selection for the Commander in Chief's Annual Award for Installation Excellence, to be held in early 2012.

NPS Preservation Brief #3 Updated!

First published in 1978, the NPS Preservation Brief #3, “Conserving Energy in Historic Buildings,” was in need of an update. Last month, the National Park Service’s (NPS) Technical Preservation Services (TPS) announced it had done just that. The newly updated publication, renamed Preservation Brief #3, “Improving Energy Efficiency in Historic Buildings,” replaced the older publication. “The new brief incorporates input from leading experts in building science, engineers, and historic preservation professionals and offers guidance on making informed decisions about energy efficiency improvements to historic buildings,” according to TPS. View the new brief at www.nps.gov/tps/how-to-preserve/briefs/03Preserve-Brief-Energy.pdf

National Trust’s *The Greenest Building Report*

The National Trust for Historic Preservation very recently released “The Greenest Building: Quantifying the Environmental Value of Building Reuse.” According to the report, “this research provides the most comprehensive analysis to date of the potential environmental impact reductions associated with building reuse. Until now, little has been known about the climate change reductions that might be offered by reusing and retrofitting existing buildings rather than demolishing and replacing them with new construction. This groundbreaking study concludes that building reuse almost always offers environmental savings over demolition and new construction.” View the entire document within the web page www.preservationnation.org/issues/sustainability/green-lab/valuing-building-reuse.html

A Successful CHAMP Workshop

The Cultural Heritage by Archaeological Institute of America (AIA) Military Panel, also known as CHAMP, held a workshop on 6 Jan 2012 at the AIA Annual Meeting in Philadelphia, PA. Entitled “Cultural Heritage Preservation in a Dangerous World: Revolutions and Humanitarian Crises,” the workshop was subdivided into five roundtables: education, contingency plans, cultural property location information, international dialogue, and original research. The aim was to comprehensively address specific challenges related to military affect on cultural heritage in host nations. Over 75 individuals were present and several organizations were represented, including several DoD Components.

For workshop notes from each roundtable, visit the CHAMP website at: www.aiamilitarypanel.org/events/champ-workshop-at-2012-aia-annual-meeting.

CHAMP is dedicated to improving cultural property protection and awareness among military personnel engaged in military activities in host nations, including humanitarian missions and not limited to the U.S. Dept. of Defense. Toward this aim, several workshop participants acknowledged the value added by the DoD cultural heritage playing cards. Funded via the DoD Legacy Program’s In-theater Awareness Project, more than 120,000 card decks have been disseminated to deployed DoD personnel. Brian Rose, former AIA President and current Penn Museum Mediterranean Section Chief Curator said, “The AIA began cultural heritage training for soldiers deploying to Iraq and Afghanistan in 2004, and our job has been made much easier by the DoD cultural heritage card decks. They emphasize every point that we make in our training, and enable that training to be taken into the field, everywhere in the world.”

SEMINARS, COURSES, AND MORE

NAVY CECOS’ ADVANCED
HISTORIC PRESERVATION LAW
& SECTION 106 COMPLIANCE
PLACE: KEY WEST, FL
DATE: 6-8 MARCH 2012

- AND -

PLACE: FT. LEWIS, WA
DATE: 15-17 MARCH 2012
WWW.NETC.NAVY.MIL/CENTERS/CSFE/CECOS/COURSELIST.ASPX?DIV=4

NPS INTERDISCIPLINARY
RESOURCE PROTECTION AND
LAW
PLACE: PHILADELPHIA, PA
DATE: 19-23 MARCH 2012
WWW.NPS.GOV/TRAINING/NRS

NAVY CECOS’ INTRO TO CRM
LAWS & REGULATIONS
PLACE: NEW ORLEANS, LA
DATE: 4-10 APRIL 2012
WWW.NETC.NAVY.MIL/CENTERS/CSFE/CECOS/COURSELIST.ASPX?DIV=4

ALSO SEE THE NEW NATIONAL
HISTORIC LANDMARK’S
WEBINARS AT
WWW.NPS.GOV/TRAINING/NRS

ALSO SEE THE NATIONAL
PRESERVATION INSTITUTE’S
SEMINAR LISTING AT
WWW.NPI.ORG/SEMINARS

Training Galore!

Did you know that the Naval Civil Engineer Corps Officers School (CECOS) is the lead for **DoD-wide CRM instruction**? Training is **FREE** for DoD military, civilian and gov-sponsored contractor personnel. Registration is open now for various courses! Visit <https://www.netc.navy.mil/centers/csfe/cecos/Courses.aspx?ID=1> and see pages 18-19 of this newsletter for more information.



The DoD Historic Buildings Workshop's registration is open and **FREE!** 5-8 June 2012 at the Naval Mine and Anti-Submarine Warfare Command in San Diego, California. Following the success of the 2008 DoD Historic Buildings Conference, this year's workshop will feature current challenges, best practices and lessons learned in the management and use of the DoD historic built environment. To register: info@npi.org. For general information: Adam.Smith@usace.army.mil



The DoD continues to offer multiple courses related to effective communication and consultation when working with American Indians and Alaska Native tribal governments. The *Cultural Communication Course* and the

Conflict Resolution Course are held several times a year in various locations. Upcoming courses:

Native American Cultural Communications Course: 27-29 Feb. 2012, Pentagon. Focus: Coastal and Marine Spatial Planning process.

Alaska Native Cultural Communication Course: 21-23 May 2012, Elmendorf AFB, Anchorage, Alaska. Focus: Working with Alaska Natives.

Visit www.denix.osd.mil/na/ConsultationTools/Training.cfm for more information.

In addition to the courses just mentioned, key concepts related to the unique political status of federally-recognized Native American tribes, etc. are covered in an online training course. This webinar can be accessed on the www.golearn.gov website.

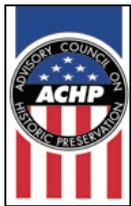


The ACHP announces its first webinar series for year-round distance learning! Various topics will be focused on throughout the *Section 106 Webinar Series* Program. The first webinar program will be offered free of charge. Visit www.achp.gov/sec106webinar.html now for more information.

National NAGPRA continues to offer *NAGPRA Basics Training* as well as *NAGPRA Webinars!* Visit www.nps.gov/nagpra/TRAINING/INDEX.htm now for more information.



The ACHP continues to offer Section 106 Training, including an *Essentials Course* and an *Advanced Seminar*. Registration is open! Visit www.achp.gov/106select.html



The National Historic Landmarks Program continues to offer webinars. Visit www.nps.gov/history/nr/publications/guidance/webinars.htm



The Department of Homeland Security's Archeological Resources Protection Training Program (via the Federal Law Enforcement Training Center) continues to provide training in all aspects of archeological investigation and in subsequent prosecution of crimes. Enrollment is limited to archaeologists employed by federal, state or local governments and full-time, sworn law enforcement officers. For more information visit: [www.fletc.gov/training/programs/investigative-](http://www.fletc.gov/training/programs/investigative-operations-division/forensics-and-special-investigative-skills-branch/archeological-resources-protection-training-program-arptp)



[operations-division/forensics-and-special-investigative-skills-branch/archeological-resources-protection-training-program-arptp](http://www.fletc.gov/training/programs/investigative-operations-division/forensics-and-special-investigative-skills-branch/archeological-resources-protection-training-program-arptp)

The National Preservation Institute, a 501(c)(3) organization, continues to offer continuing education and professional training for those involved in the management, preservation, and stewardship of cultural heritage. View the current seminar listing at www.NPI.org

Lots of Initiatives!

In October, I presented in two sessions at the National Trust for Historic Preservation's annual preservation conference in Buffalo, NY. 2011 marked the start of a new multi-agency initiative to bring back federal preservation related topics and sessions to the National Trust conference. Seven federal preservation sessions were developed through a joint partnership of DoD, GSA, NPS, ACHP, Federal Highway Administration, Dept. of Energy and Veteran's Affairs. I spoke in "Getting the Government Off the Grid: Capitalizing on Sustainable Design" and "Federal Preservation: What's in it for Your Community?" Both sessions were well received by conference participants, with a robust Q&A for each. The energy session was an excellent opportunity for DoD to highlight several of our historic property LEED rehabs and other energy efficiency efforts involving historic properties. The Federal Preservation Session offered a more introductory approach and provided an excellent opportunity to educate a non-federal audience on the extensive historic real property portfolio that is an integral part of DoD's daily mission activities. Plans are already in the works for additional sessions at the October 2012 conference, which will be held in Spokane, WA. It is my goal to expand the sessions to include more advanced topics that would offer something for other federal cultural resource managers, not just the non-federal audience. If anyone would like to make suggestions on potential session or presentation topics, please drop me a line!



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With regard to initiatives closer to home, I recently was asked to provide input on the revision of the DoD Master Planning Unified Facility Criteria (UFC). This is the primary guidance document for all installation master planning, and an excellent opportunity to highlight not only the requirements of CRM, but the benefits of revising our historic properties. I provided extensive comments and additions to the document, which were well received and incorporated. The document has yet to be published, but when it becomes available I will post it on the DENIX cultural resources page (www.denix.osd.mil/cr).

Several current initiatives are worth a mention: revisions to the President's Budget environmental line (PB28 exhibit), the upcoming Environmental Management Review (EMR) briefings, the development of a new UFC for high performance and sustainable buildings, and the DoD Historic Buildings Workshop...

Currently, the one line item, "Historical & Cultural Resources" in the PB28 exhibit is used for all CRM funding except manpower. In the Fall of 2011, the Office of the Secretary of Defense (OSD) created a DoD-wide work group to revise and update the PB28 environmental budget exhibit, to better reflect DoD's current needs and priorities. Much discussion ensued, with the work group meeting monthly to ensure that all requirements are considered as the new categories of funding are developed. From a CRM standpoint, this revision should improve the CR funding process by providing greater flexibility. But clearly the final outcome will not be known until the new categories are actually field tested. The timeline for completion of revisions is late summer 2012.

Beginning next week, each of the Military Services and various DoD Components will brief OSD on the health of DoD's environmental programs, specifically Mr. John Conger, Assistant Deputy Under Secretary of Defense, Installations and Environment (ADUSD/I&E) and Ms. Maureen Sullivan, Director, Environmental Management (ODUSD I&E). I worked with my Service counterparts to ensure that OSD expectations were clear and that the Services had a voice on what aspects of DoD CRM would be highlighted during the briefs. It was agreed that the following topics would be the focus for this year's CR briefs: ICRMPs, archaeological survey, curation of archaeological records and collections and historic real property identification and evaluation.

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Another initiative that, while not exclusively cultural resource related, has the potential to impact our activities: the development of a new UFC for sustainable buildings. The OSD sustainability POC is the lead, but I will be given an opportunity, as will my Military Service counterparts, to assist in the document's development to ensure that CRM is given adequate discussion and consideration throughout the guidance. More to come on this!

Finally, the 2012 DoD Historic Buildings Workshop is scheduled for June 4-8 in San Diego, CA. This is an excellent training opportunity on the horizon for DoD CRMs, other DoD personnel that work with historic buildings, and the CRM consulting community! A call for session proposals was emailed throughout the DoD CRM community, but we are still accepting your input! We recognize the restrictions that have been placed on all of us for travel and conference attendance, but this is a much needed training opportunity, and regardless of your background, if you have historic buildings on your installation or within your region, this is an important educational opportunity! Ideally we would like session or presentation proposal ideas from individuals who will be willing and able to present, however, we also need larger topic ideas to ensure this workshop is as relevant and topical as possible. PLEASE, PLEASE, PLEASE send your ideas to Mr. Adam Smith (workshop co-organizer) at adam.smith@usace.army.mil by March 2. The 2008 buildings workshop was a great success, and highlighted the need for continued discussion of historic buildings and the challenges and successes in DoD CRM. Please help make the 2012 workshop a valuable use of your time and travel funds by contacting us with session ideas. We are open to your suggestions!!

`SGB

Recent Happenings at the ACHP

The Advisory Council on Historic Preservation (ACHP) recently published new guidance to Section 106 users “on meeting the regulatory requirement that federal agencies make a ‘reasonable and good faith effort’ to identify historic properties as part of the Section 106 process. The guidance sets forth criteria that the ACHP will use when it is asked to provide its advisory opinion on whether a specific identification effort was both reasonable in terms of intensity and scale, and carried out in good faith through its development and execution.” View the document at www.achp.gov/docs/reasonable_good_faith_identification.pdf

“In response to increasing impacts to large historic properties of religious and cultural significance to Indian tribes and Native Hawaiian organizations, the ACHP recently adopted a plan to address those impacts. The plan calls for the development of guidance to assist Section 106 practitioners in identifying and understanding these traditional cultural landscapes; early consultation to identify these places so they can be avoided; and, partnerships among the key participants in the national preservation program to raise awareness about the existence of these places and the importance of involving Indian tribes and Native Hawaiian organizations in early planning.” View the document at www.achp.gov/pdfs/native-american-traditional-cultural-landscapes-action-plan-11-23-2011.pdf

The ACHP has prepared Frequently Asked Questions to assist State Historic Preservation Officers (SHPOs), Tribal Historic Preservation Officers (THPOs), federal agencies, and other historic preservation partners “in addressing Section 106 requirements during disaster response efforts. These FAQs explain the Section 106 process in the context of disaster and emergency response as defined in 36 CFR § 800.12.” View the introduction and FAQs at www.achp.gov/sec106_disaster-responseFAQ.html

The ACHP has very recently published its *Winter 2012 Case Digest: Section 106 in Action*. “This report presents a representative cross-section of undertakings that illustrate the variety and complexity of federal activities that the ACHP is currently engaged in.” View the document at www.achp.gov/docs/CaseDigestWinter2012.pdf



DoD Legacy Resource Management Program Update

• We are very close to funding announcements for the FY 2012 funding cycle; announcements are made when DoD's Washington Headquarters Service releases funds. For a bit of context, we received 81 cultural resources-related pre-proposals for FY 2012, and asked 39 to submit full proposals. In FY 2011, we received 110 cultural resources-related pre-proposals. Want to be one of the applicants for FY 2013? ...See the green box below.

The FY 2013 DoD Legacy Program Request for Proposals will be released in mid-spring!

- √ Do you have an original and creative project idea that will benefit the management of cultural resources on more than one active DoD installation?
- √ Will the project also directly benefit the military mission (i.e. training, testing, operations, etc.)?
- √ Will the project have immediate utility and address a current wide-spread DoD CRM need?

...If you answered yes to each, apply for Legacy funding!

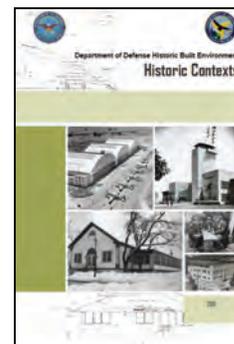
Any individual or organization may apply!

Contact Cecilia.Brothers.ctr@osd.mil to discuss your idea!

• Ever wonder what a Legacy funding request looks like? See Appendix A within https://www.dodlegacy.org/Legacy/intro/LegacyGuidebook_print_April2011.pdf ...The FY 2013 form will be made available soon at www.dodlegacy.org.

• Great news! — *The DoD Legacy Cultural Resources Project Goals Catalog* is available! The catalog annotates all cultural resource projects funded by the Legacy between FY 2006- FY 2011. Check it out: www.denix.osd.mil/cr/upload/Cultural-Resources-Legacy-Project-Goals.pdf

• Also! — *The DoD Historic Built Environment Historic Contexts Catalog* is available! This catalog provides annotations of historic context studies and histories funded by Legacy. Check it out: www.denix.osd.mil/cr/upload/Historic-Contexts-catalog-2.pdf



Several recent Legacy Program cultural resources projects have yet to be highlighted in this newsletter...

Architecture and Engineering Firms of the Cold War Era (Project 09-434) The purpose of this reference guide is to provide biographical and historical information concerning A/E firms and associated principal architects and engineers, as well as identifying military buildings designed by these firms. Information can be accessed by A/E firms or by military project location. As a result, historians and DoD cultural resource management personnel can associate the design of a particular building with a greater contextual understanding of A/E firms and military architecture in the Cold War era. Find the guide at: www.denix.osd.mil/cr/upload/FINAL_Report_A-Guide-to-Architecture-Engineering-Firms_Cold-War-Era_09-434.pdf

Historic Context for the Rural Industries of the Sand Hills of Georgia and the Carolinas (Project 09-436) This context identifies the rural industry property types associated with the Sand Hills region, reviews the attributes

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associated with each, considers each property type or class as identified at the various DoD installations and reviews the significant studies of each, reviews their physiographic distribution, and considers the research attributes of each class of properties. Recommendations for the future management, interpretation, and NRHP evaluation of rural industry properties are provided in the concluding chapter. View the full context at: www.denix.osd.mil/cr/upload/FINAL_DoD-Legacy_Rural-Industries-Historic-Context-09-436rdz.pdf

Regional Cold War History for Department of Defense Installations in Guam and the Northern Mariana Islands (Project 09-454) Published in 2011, this report presents a framework for determining National Register of Historic Places eligibility within a definitive context. This history is a means to more evenly and expediently evaluate resources from the U.S. military response during the Cold War period of significance. View the full report at: www.denix.osd.mil/cr/upload/DoD-Legacy-FINAL-Guam-Cold-War-Report-09-454-2.pdf

Historical and Architectural Overview of Aircraft Hangars of the Reserves and National Guard Installations from World War I through the Cold War (Project 09-431) This historic context explores the history of aviation and hangar development in the Reserves and National Guard. This historic context provides a framework and apparatus that the National Guard and Reserves can utilize in the National Register of Historic Places eligibility process. View the full report at: www.denix.osd.mil/cr/upload/DoD-Legacy-FINAL-Report-09-431.pdf

Assessing Cultural Resources on U.S. Military Installations through the Application of Criterion B (Project 10-347) This report provides guidance for the use of Criterion B when listing properties in the NRHP, including methods for the identification of properties that may be listed under Criterion B and guidelines to assess a property's significance under Criterion B through a written history. The report provides management recommendations for properties eligible for the NRHP under Criterion B and proposes five principles to guide mitigation measures for adverse effects to such properties. View the full report at: www.denix.osd.mil/cr/upload/Legacy-10_347-FINAL-report-2.pdf

Best Practices: Managing Traditional Resources on Department of Defense Lands (Project 08-406) The best practices model within this document represents a process for working with Indian people to identify natural and traditional resources that are vital to the histories and traditions of tribes affiliated with DoD installations. Find the full report at: www.denix.osd.mil/cr/upload/FINAL-Legacy_08-406_report-2.pdf

NPLD \$\$\$ for your Installation?

The DoD Legacy Program funds installation-specific cultural and/or natural resources projects in support of the annual National Public Lands Day (NPLD) Program, held the last Saturday of September each year. Small-scale projects on DoD installations, with an emphasis on resource restoration or enhancement, public awareness and education, and/or volunteerism may be eligible for DoD Legacy NPLD funding. **NPLD 2011 featured participation from 41 DoD installations.**

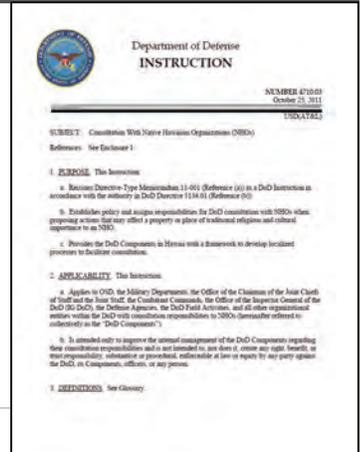
Find out how your installation can receive project funding for the next NPLD. Find more information about NPLD at www.publiclandsday.org. **It is not too early to plan for NPLD 2012!**



New DoD Policy on Consultation with NHOs

Under Secretary of Defense for Acquisition, Technology and Logistics, Mr. Frank Kendall, signed DoD Instruction 4710.03, Consultation with Native Hawaiian Organizations (NHOs) in late 2011. It establishes policy, assigns responsibilities when proposing actions that may affect a property or place of traditional religious and cultural importance to an NHO, and provides a framework for DoD Components to develop localized processes to facilitate consultation. One excerpt of the policy reads, “The DoD shall conduct meaningful consultation for the purpose of avoiding or minimizing, to the extent practicable and consistent with law, the effects of DoD Component actions on a property or place of traditional religious and cultural importance to an NHO.”

View the full document at: www.denix.osd.mil/na/upload/DoDI-4710-03-Consultation-with-Native-Hawaiian-Organizations-Oct-2011-for-Web-Posting.pdf



In related news, Dr. Dorothy Robyn, Deputy Under Secretary of Defense, Installations and Environment and Wayne Donaldson, Advisory Council on Historic Preservation Chair sign the Memorandum of Understanding establishing The Native Hawaiian Federal Interagency Working Group at the ACHP’s Winter 2011 Meeting.

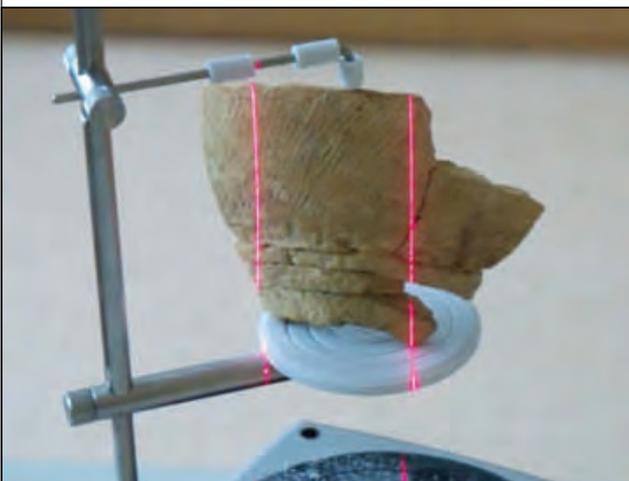
Virtual Artifact Curation

By: Dr. Bernard K. Means, Clinton M. King, Courtney Bowles, and Victoria Valentine~ Virginia Commonwealth University

The DoD Legacy Program funded the “Virtual Artifact Curation – Three-Dimensional Digital Data Collection for Artifact Analysis and Interpretation” project in FY 2011. Virginia Commonwealth University (VCU) partnered with Marine Corps Base Quantico (MCBQ) to conduct the study, which is ongoing to date. The project involves three-dimensional (3D) scanning of archaeological objects (artifacts and ecofacts) in order to test and demonstrate the capabilities of this technology for its potential employment in ensuring DoD compliance with historic preservation laws. Archaeological collections from DoD installations in Maryland, Virginia, and other regional repositories are the subject of the study.

Virtual artifact curation has the potential for addressing a number of issues important to archaeologists. One issue of course is access to collections. The virtual curation project will enable researchers to access digital data files that allow full 3D observation and manipulation of an image and accurate measurement WITHOUT requiring scholars to travel

to a repository. This will save time for both researchers and for staff at curation facilities, while maximizing scholars’ access to collections. Collections that are now physically dispersed in more than one location can also be virtually united through 3D digital scanning of archaeological objects.



(Left: Scanning in progress of a mended American Indian ceramic vessel fragment on display at the Regional Archaeological Curation Facility at Fort Lee, Virginia.)

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Using the NextEngine Desktop scanner, 3D scans of archaeological objects create topological models that can enable subtle markings on an object to be studied in greater detail. These markings include decorative elements inscribed into historic and prehistoric items, maker's marks, and even cordage-twist impressions on American Indian ceramics. Some of these subtle markings may be barely perceptible to the naked eye and can be enhanced in the topological models. Resin replicas of objects can be created from these digital topological models. These resin replicas can be scaled to a larger than actual size to enhance their potential study and their use in educational settings. Casts can be generated from resin replicas to replace missing or broken items from historic furnishings or other items. The digital scanner used by the V.C.U.-R.A.M.S. team is portable and with external power is not limited to laboratory settings. The former may prove important given the rise of no-collection surveys in some parts of the country.

Virtual curation through 3D scanning cannot wholly substitute for other ways of recording attributes of archaeological objects, such as appearance. Some objects need to be partially or wholly coated with a fine talc powder to enhance scanning of minute details (Figure 6). Other objects have properties that can prove problematic without corrective measures. We learned quickly that the lasers used in the scanning



(Above: A historic pipe being rendered on the computer monitor as the pipe is being scanned. The pipe is on display at the Regional Archaeological Curation Facility at Fort Lee, Virginia.)



(Above: Clinton King brushes the edges of a large biface with talc to ensure accurate recording of edge attributes. The biface is on display at the Regional Archaeological Curation Facility at Fort Lee, Virginia.)

process can be refracted by quartz crystals present in quartzite. The resulting scanned image is somewhat “artistic” but otherwise not suitable for accurate virtual curation. Because the 3D scanner creates topological models of surfaces, it cannot accurately record (or replicate) the interior of hollow objects. With the 3D scanner, it will be necessary to balance accuracy with authenticity.

Virtual curation of artifacts will also prove critical for fragile objects by minimizing handling and “preserving” them digitally, especially when conservation funding is limited. Repeated digital scanning can help conservators ascertain whether conservation treatments are working as intended—through highly accurate digital models taken of the same object at set intervals. This will enable the conservator to closely monitor continuing degradation of an object—if any. 3D scanning can virtually “preserve” archaeological objects and even sites in both war-torn and remote areas for future generations to come.

View continuously updated project details at:
www.vcuarchaeology3d.wordpress.com



Fort Lee, VA is home to the Combined Arms Support Command, and serves as the U.S. Army's Quartermaster Training Center. Besides hosting two Army museums, the U.S. Army Quartermaster Museum and the U.S. Army Women's Museum, the garrison is home to the Regional Archaeological Curation Facility.



With over 1600 square feet of dedicated, climatized storage space, the Curation Facility at Ft. Lee is a rare find, as there are few like it DoD-wide. The Facility meets all federal curation standards under 36 CFR 79 and offers curation services with a curator available full-time, artifact collection processing and conservation services, mobile shelving with over 1600 square feet of storage space, state-of-the-art humidity and temperature control alarm system, and 24-hour military police and fire emergency monitoring. The Facility is regional in that it not only stores and exhibits artifacts collected on base, but also curates artifacts from neighboring installations and from other federal agencies.

Tours are available by appointment. For more, including contact information and curation fee information, see the brochure on the following pages.



(Left: The display room is carefully designed; artifacts from various collections are on display and are rotated in and out for various public outreach events and tours. Not shown here, the Curation Facility has an artifact washing station, and research area as well.)

Recommended Fee Schedule

Please contact us for current details on the fee schedule, and for more information on processing and curation standards. Although each collection is unique, the following is offered as an estimate:

Curation Fee is \$350.00 per standard record-size storage box (15"x12.5"x10"), commensurate with the Virginia Department of Historic Resources fee. This includes accession of artifacts and records into the collection, maintenance in an acid-free environment, and storage in a climate-controlled and secure environment. Items accepted for curation should have been processed following the Virginia Department of Historic Resources collection processing standards and be stored in moisture-resistant, acid-free boxes.

Collections Exhibition Fee is \$300.00. This fee will be assessed if the federal agency requires a collection packed and shipped to another location for exhibition. The fee includes packing, shipping, and loan agreements. If special handling circumstances are required, additional fees may be assessed.

Restoration Fees: If restoration is required for display or accessioning of an item, the federal agency will need to contact a contractor for those services. Fort Lee has an agreement with the Virginia Department of Historic Resources to perform restoration work on artifacts.

All federal agencies may utilize the facility.

Also, please see our website:

www.ima.lee.army.mil/sites/dpwl/curation.asp

Artifact Processing and Cataloging Fee: This fee will be assessed at an hourly rate if the federal agency requires a collection to be washed, labeled, cataloged, and packaged prior to curation. Artifacts and records will be stored in moisture-resistant, acid-free boxes and otherwise processed following the Virginia Department of Historic Resources standards.

Microenvironment Fee is \$20.00 per artifact. This fee will be assessed if an artifact needs to be placed in a sealed container with silica gel in order to prevent further degradation of the artifact. Many iron objects, for example, should be placed in such a microenvironment to prevent rusting.

For more information, please contact:

Archaeologist/ Collection Manager

1816 Shop Road
Fort Lee, VA 23801
(804) 734-4434
(804) 734-3762 (fax)
(804) 605-6662 (mobile)

Curator

1816 Shop Road
Fort Lee, VA 23801
(804)734-4436
(804) 734-3762 (fax)



Regional Archaeological Curation Facility
Building 5222
Fort Lee, VA

Regional Archaeological Curation Facility

Building 5222
Fort Lee, Virginia



History

Archaeology

Preservation

Outreach



Regional Archaeological Curation Facility Building 5222, Fort Lee, Virginia

Fort Lee serves as the U.S. Army's Quartermaster Training Center. The installation manages and protects over 5,800 acres of Prince George County, Virginia.

The installation has a rich past having been inhabited since the Early Archaic Period (10,000 years before present). There are 116 known archaeological sites at Fort Lee ranging from Native American camp sites to historic homestead remains to over 6 miles of World War I defensive training earthwork trenches. These sites have been investigated and 25 of them were deemed significant for management and protection by Fort Lee and the National Register of Historic Places. Fort Lee also manages and protects significant historic buildings on the installation that are over 50 years old.



Historic Pearlware Ceramic Sherds



Artifact Storage Room



Civil War Uniform Buttons



Prehistoric Quartzite Points Found at Fort Lee

The Regional Archaeological Curation Facility at Fort Lee stores and exhibits artifacts collected from the installation and from other Federal agencies. The Curation Facility meets all Federal curation standards under 36 CFR 79 and offers:

- Curation services with a curator available full-time
- Artifact collection processing and conservation services
- Mobile shelving with over 1600 square feet of storage space
- State-of-the-art humidity and temperature control alarm system
- 24-hour military police and fire emergency monitoring



Currently, archaeologists at Fort Lee are in the process of stabilizing and restoring Camp Lee's WWI earthworks that were damaged during Hurricane Isabel in 2003 and continued natural erosion. Efforts in stabilization include installation of geofabric to slow erosion and promote native vegetation, removal of trees with the potential to impact the trenches, and the use of geophysical survey equipment to identify locations of underground bunkers.



Iron Padlock Found at Gilliam Farm Fort Lee



Historic Stoneware Found at Gilliam Farm Fort Lee



Display Room

The facility has a display room, artifact washing station, research area, and an artifact storage room. The Curation Facility is available for tours by appointment.

Historic Whiteware Dish Found at Fort Lee





WHO WE ARE

The Underwater Archaeology Branch (UAB) operates under the Naval History and Heritage Command (NHHC) at the Washington Navy Yard in Washington, DC. The branch is responsible for managing and preserving the U.S. Navy's 17,000+ historic ship and aircraft wrecks, and their associated contents, around the world. In executing its mission, UAB serves four primary functions which include archaeological research; historic preservation and policy development; conservation and curation; and public education and outreach.



UNDERWATER ARCHAEOLOGY
NAVAL HISTORY & HERITAGE COMMAND

Address:

Underwater Archaeology Branch, Naval History & Heritage Command, Washington Navy Yard, 805 Kidder Breesse St, SE, Washington, DC 20374-5060

Website:

www.history.navy.mil/underwater

E-mail:

nhhcunderwaterarchaeologybranch@navy.mil

Phone:

(202) 685 - 1073

SUNKEN MILITARY CRAFT ACT

The Sunken Military Craft Act (SMCA) is part of the Ronald W. Reagan National Defense Authorization Act FY 2005 and became law on October 28, 2004 (Public Law 108-375, 10 U.S.C. 113 Note and 118 Stat. 2094-2098). Its primary purpose is to preserve and protect federally-owned sunken military craft and their associated contents located in both U.S. and foreign waters. Title and ownership of such craft are maintained by the federal government and are not extinguished by the passage of time or the location of the sunken military craft. SMCA further prohibits "any activity directed at sunken military craft that disturbs, removes, or injures any sunken military craft." Recently, NHHC has completed the draft implementing regulations for SMCA, which include provisions for permits authorizing activities otherwise prohibited. Those who violate SMCA may face civil penalties, liability of damages, and forfeiture of their vessel and equipment. This policy is a vital tool in the continued preservation of the Navy's non-renewable cultural resources.

HISTORIC PRESERVATION AND POLICY DEVELOPMENT

UAB develops, coordinates, reviews, and implements policy related to the preservation and protection of U.S. Navy sunken military craft. The branch's duties include issuing archaeological research permits; drafting state, regional, or site-specific management plans, cooperative agreements, policy and regulations; and assisting the Department of State and Department of Justice in international agreements and litigation claims involving both domestic and foreign sunken military craft. UAB coordinates with partners to protect these submerged cultural resources which, in addition to their historical importance, may serve as war graves, or carry environmental or safety hazards, unexploded ordnance, or sensitive material of interest to national security. To assist in its management role, UAB also maintains a geographic information system (GIS) and database of over 3,000 ship and 14,000 aircraft wrecks.



Lantern and sextant recovered from USS *Tulip* currently being curated at the NHHC Archaeology & Conservation Laboratory.



CONSERVATION AND CURATION

Artifacts recovered from underwater sites require specialized treatment and preservation care, so conservation is a main component of the NHHC Underwater Archaeology Branch. The majority of artifacts recovered from U.S. Navy sunken military craft are treated at the NHHC Underwater Archaeology and Conservation Laboratory on the Washington Navy Yard. In addition to conservation, the laboratory also serves as a curation space for over 2,000 artifacts and provides public access to the collection for research and analysis. Through the Branch's artifact loan program, over 5,000 archaeological artifacts are on display in museums around the U.S. and in France.

UNDERWATER ARCHAEOLOGY RESEARCH

UAB conducts its own archaeological investigations, surveys, and assessments of sunken military craft spanning from the American Revolution to World War II. Previous UAB projects have included the recovery of the Confederate submarine *H.L. Hunley*; a multi-year, remote sensing survey effort for the remains of John Paul Jones's *Bonhomme Richard*; and the archaeological investigation of a War of 1812 vessel believed to be USS *Scorpion*. UAB also oversees, guides, and permits underwater archaeological investigations led by qualified third-party applicants or other Navy commands. UAB encourages research and development in related science and technology fields.

X-rays taken of this Aston pistol recovered from the Civil War Union blockade ship USS *Housatonic* help conservators understand the extent of the corrosion and determine the best treatment plan for the artifact.



PUBLIC OUTREACH

The branch disseminates information to the U.S. Navy, general public, and academia via scientific and popular publications, lectures, the NHHC UAB website, the artifact loan program, an active internship program, underwater archaeological exhibits, and on-site tours of NHHC Underwater Archaeology and Conservation Laboratory. UAB staff members also appear in scientific documentaries, interviews, and press articles, sharing information and knowledge about underwater archaeology, conservation, history, and the importance of preserving submerged cultural heritage.



Photo courtesy of Friends of the Hunley

One of two TBD-1 Devastator aircraft found in Jaluit Atoll (below).



Photo courtesy of TIGHAR

Confederate submarine *H.L. Hunley* (above) in its treatment tank at the Warren Lasch Conservation Center in Charleston, SC.

Fort A.P. Hill/Camden Innovative Preservation Project to Receive National Preservation Award

Washington, D.C. (October 17, 2011)—The National Trust for Historic Preservation will present its **National Trust/Advisory Council on Historic Preservation Award for Federal Partnerships in Historic Preservation** to the **Fort A.P. Hill/Camden Innovative Preservation Project**. The project is one of 23 award winners to be honored by the National Trust during its **2011 National Preservation Conference**.

Fort A.P. Hill sits within an important Native American landscape and among America's richest collection of Civil War battlefields. When a proposed expansion at the base triggered a federal review of its archeological sites, a coalition of military officials, preservationists, conservationists and the tribal community reached a novel compromise. Rather than conducting archeological studies of only the on-base sites—some of which were heavily looted Civil War-era sites that would not yield significant data—the Army agreed to mitigate the loss of those already compromised sites by preserving intact archaeological sites located off-base as well.

This arrangement was unprecedented for the military and preservation community, and the deal has been widely hailed as a model. With help from the Army, the coalition has purchased conservation easements on nearly 9,000 acres, thus protecting Civil War and Native American sites and landscapes from development. The easement includes a portion of the neighboring Camden Farm, serving to assist in the total conservation of this national historic landmark. The easement action also serves to protect Fort A.P. Hill from encroachment by creating a buffer zone around the base.

"While each is unique, this year's outstanding award winners all reflect the importance of protecting what is special and irreplaceable," said Stephanie Meeks, president of the National Trust for Historic Preservation. "Whether it's the restoration of a brewery in Baltimore or the redevelopment of a classic roadside motor court in Tucson, this year's award winners demonstrate how preservation is bolstering local economies and creating jobs in communities across the country."

The award will be presented to the United States Army, Fort A.P. Hill and the U.S. Army Environmental Command at the National Preservation Awards ceremony in Buffalo, New York, on Thursday, October 20, at 5:30 PM EST. Co-recipients are: The Conservation Fund, the Rappahannock Tribe of Virginia, and the Virginia Department of Historic Resources/Virginia State Historic Preservation Office.

The National Preservation Awards are bestowed on distinguished individuals, nonprofit organizations, public agencies and corporations whose skill and determination have given new meaning to their communities through preservation of our architectural and cultural heritage. These efforts include citizen attempts to save and maintain important landmarks; companies and craftsmen whose work restores the richness of the past; the vision of public officials who support preservation projects and legislation in their communities; and educators and journalists who help Americans understand the value of preservation. The winners of the National Preservation Awards will appear online at www.PreservationNation.org/awards.

To download high resolution images of this year's National Preservation Award winners, visit www.PreservationNation.org/press



U. S. Naval Civil Engineer Corps Officers School (CECOS) presents...

Course: Advanced Historic Preservation Law & Section 106 Compliance (HPL&S106C)	Dates
Location: NAS Key West, FL	6-8 March 2012
Location: Lewis-McCord Joint Base, WA	15-17 May 2012

Registration:	<ol style="list-style-type: none"> 1. To request quota go to: https://www.netc.navy.mil/centers/csfe/cecos/default.aspx, 2. Click on "Courses" (top, middle of the page) 3. Click on "Academic Categories," then Environmental Conservation 4. Click on Advanced Historic Preservation Law & Section 106 Compliance and Section 106 Compliance 5. Then scroll down and select "Quota Request"
Tuition:	Tuition-free for Department of Defense (DoD) military, civilian, and government-sponsored contractor personnel. (Travel and per diem costs borne by student's organization)

Course Mission:	
AHPL&S106C	To provide Department of Defense (DOD) and United States Coast Guard (USCG) military and civilian personnel with an awareness of the legal and policy requirements for cultural resources management. This course provides personnel with the knowledge necessary to manage and administer cultural resources on DOD installations.

<u>TOPICS COVERED</u>	
Introduction to Historic Preservation Law & S 106	Repairs and Maintenance
The Section 106 Process	Archaeological Resources and Curation
Defining Historic Fabric and Character	Native American Issues and Graves Protection and Repatriation Act
Standards for Treatment	
<u>ADDITIONAL</u>	
Field Trip - half day on the second day of class	

Additional Information	David Pease Course Director DSN 551-2946 Commercial (805) 982-2946 E-mail: david.pease@navy.mil	
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It has been said that, at its best, preservation engages the past in a conversation with the present over a mutual concern for the future.

- William J. Murtagh



U. S. Naval Civil Engineer Corps Officers School (CECOS) presents...

Course: Introduction to Cultural Resource Management Laws & Regulations	Dates
Location: New Orleans, LA	10-12 April 2012

Registration:	<ol style="list-style-type: none"> 1. To request quota go to: https://www.netc.navy.mil/centers/csfe/cecos/default.aspx, 2. Click on "Courses" (top, middle of the page) 3. Click on "Academic Categories," then Environmental Conservation 4. Click on Introduction to Cultural Resource Management Laws & Regulations 5. Then scroll down and select "Quota Request"
Tuition:	Tuition-free for Department of Defense (DoD) military, civilian, and government-sponsored contractor personnel. (Travel and per diem costs borne by student's organization)

Course Mission:	
ICRML&R	The course introduces the students to requirements and responsibilities under laws, regulations, and directives that govern Federal stewardship of cultural resources, DOD service and Coast Guard policies related to Federal stewardship of cultural resources, requirements and responsibilities under laws, regulations, and directives for consultation regarding cultural resources and roles and responsibilities of installation cultural resource managers.

<u>TOPICS COVERED</u>	
Overview of Cultural Resource Laws & Regulations	Archeological Resource Protection and Enforcement
Recording Historic Properties	Curation of Artifacts and Museum Collections
Documents and Records	Post-Review Discoveries
General Use of Historic Properties	Emergency Situations
Maintenance Methods for Historic Properties	Enhancement of Historic Properties
Native American Uses of Land and Cultural Resources	Planning
<u>ADDITIONAL</u>	
Field Trip - half day on the second day of class	

Additional Information	David Pease Course Director DSN 551-2946 Commercial (805) 982-2946 E-mail: david.pease@navy.mil	
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It has been said that, at its best, preservation engages the past in a conversation with the present over a mutual concern for the future.

- William J. Murtagh

Sustainable Military Lands Management

Graduate Certificate (For Credit)



Overview

The Sustainable Military Lands Management (SMLM) Certificate program is a one-of-a-kind, online educational opportunity that trains current and future professionals in the breadth and complexity of military land management to provide you with knowledge of the rapidly evolving practices, technologies, and analytical tools necessary to support this national defense mission. Civilian and military land management professionals learn the key concepts for conservation and sustainable management of natural and cultural resources on Department of Defense lands. The knowledge and skills gained can be used by a wide array of United States and foreign federal and state land management agencies.

Curriculum

Courses are offered on a regular semester basis (Fall and Spring) using a 16-week format, with one lesson offered each week. Summer courses are not currently available. It is preferred, but not required that you begin the certificate by completing NR 550. Courses included are:

- NR 550 – Introduction to Sustainable Military Lands Management (3 cr.)
- NR 551 – Cultural Resource Management on Military Lands (3 cr.)
- NR 552 – Ecology of Military Lands (3 cr.)

Designed For

Military and civilian land managers worldwide or those with an interest in long-term environmental stewardship of military lands

What You Will Earn

Upon completion of this series of courses with passing grades, you earn a Certificate of Completion. Individual courses, but not the certificate, will appear on your official University transcript.

Time Frame

Can be completed in two semesters, though completion time will vary based on the number of credits successfully completed each semester.

Contact Us

Mike Macklin, CSU Online Plus
(970) 491-7583
michael.macklin@colostate.edu

For more information

www.online.colostate.edu/certificates/military-lands-management/

The Sustainable Military Lands Management Certificate will help you understand and lead stewardship related matters.



CULTURAL RESOURCES UPDATE

To Contribute to this Newsletter:

The DoD Cultural Resources Program welcomes information, news, briefs, announcements, photos, articles, suggestions, questions, etc. that relate to cultural resource activities on installations, within regions or information that generally pertains to DoD and Service cultural resource endeavors so that this information can potentially be included in this newsletter. Email Cecilia.Brothers.ctr@osd.mil if you would like to contribute.

Office of the Deputy Under Secretary of Defense for Installations and Environment, Environmental Management Directorate, Cultural Resources Program



The Department of Defense maintains thousands of historic and cultural resources, which form an integral part of mission support and readiness. The Department's cultural resources are the Nation's assets and the Department holds these resources in trust for future generations. As stewards of the nation's largest inventory of Federally owned or managed historic properties, DoD strives to maintain, promote, and interpret the resources it manages, both to support the mission and to preserve military heritage for future generations. Cultural resources are mission enhancing assets, connecting our fighting men and women with their proud history and traditions. The Department continues to use and maintain some of the nation's most prized cultural properties as an integral part of mission support and readiness.

The DoD historic property portfolio includes a total of 73 National Historic Landmarks, 694 entries on the National Register for Historic Places, and over 19,000 individual historic properties, including over 16,700 known archaeological sites and 3,200 historic buildings. The majority of these resources are managed at the installation level by the Services, working closely with various stakeholders, including Indian tribes, State Historic Preservation Offices, and the Advisory Council on Historic Preservation. This ensures DoD's compliance with applicable Federal laws, Executive Orders, and regulations, while simultaneously supporting the multiple missions of DoD.

Office of the Deputy Under Secretary of Defense for Installations and Environment, Environmental Management Directorate, Legacy Resource Management Program



The Legacy program was established by Congress in 1990 to provide financial assistance to DoD to preserve our natural and cultural heritage. The program assists the DoD in protecting and enhancing resources while supporting military readiness. A Legacy project may involve regional ecosystem management initiatives, habitat restoration and enhancement efforts, invasive species control, monitoring species at risk and species of concern, economics of historical preservation, cultural resources data management, communication, partnerships and public awareness, and/or context and model development.

Visit www.DoDLegacy.org for more information.

The *DoD Cultural Resources UPDATE* is sponsored by the DoD Cultural Resources Program.

Requests to be added to or removed from the Cultural Resources *UPDATE* distribution list may be sent to Cecilia.Brothers.ctr@osd.mil

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