



2015 Secretary of Defense Environmental Awards Cultural Resources Management, Individual/Team Award

Since 1962, the Department of Defense (DoD) has honored individuals, teams, and installations for their outstanding achievements and innovative work protecting the environment while sustaining mission readiness. The 2015 Secretary of Defense Environmental Awards recognize accomplishments from October 1, 2012 to September 30, 2014. A diverse panel of judges with relevant expertise representing federal and state agencies, academia, and the private sector evaluated all nominees to select one winner for each of the nine categories that cover six subject areas: natural resources conservation; environmental quality; sustainability; environmental restoration; cultural resources management; and environmental excellence in weapon system acquisition.

About the Cultural Resources Management, Individual/Team Award

The Cultural Resources Management, Individual/Team award recognizes individuals and teams making significant and lasting contributions to DoD Cultural Resources Management (CRM). This award acknowledges efforts to promote cultural resources stewardship in DoD by highlighting outstanding management activities and showcasing DoD's extensive cultural resources, including archaeological sites, the historic built environment, and cultural landscapes. Desired initiatives include partnering with external stakeholders such as Native Americans, State Historic Preservation Officers, and local communities, and working with internal stakeholders in the areas of master planning, public works, and range management. The 2015 winner of the Cultural Resources Management, Individual/Team award is *Dr. Paul Green, U.S. Air Force Civil Engineer Center*.

About Dr. Paul R. Green

Dr. Paul Green is the Cultural Resources Specialist for the East Region Support Team (RST), U.S. Air Force Civil Engineer Center. His routine duties include program oversight and technical support for two dozen Air Force installations and ranges from Maine to Florida. Additionally, working closely with the Air Force (AF) Subject Matter Experts, he provides strategic program direction and requirements development for his functional area.

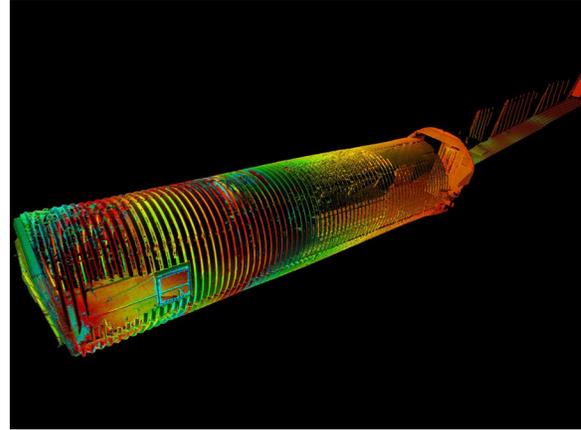
During the award period, Dr. Green successfully completed a National Historic Preservation Act Section 106 Programmatic Agreement facilitating National Environmental Policy Act compliance to protect numerous sensitive historic properties and tribal places while establishing a very large military training airspace. He also worked to protect host nation cultural heritage during contingency operations, archaeological predictive modeling, and cutting edge preservation of digital data and original historic engineering documents.



As the Cultural Resources Specialist for the East RST, Dr. Paul Green oversees and assists the CRM programs in his area of responsibility, and supports AF Subject Matter Experts as necessary.

Major Accomplishments in FY 2013-2014

- Completed the National Historic Preservation Act Section 106 Programmatic Agreement for the Powder River Training Complex proposal, which facilitated the conclusion of the Environmental Impact Statement and Record of Decision, thereby establishing the largest military training airspace in the Western Hemisphere.
- Developed cultural property planning data in support of DoD contingency operations in Mali, Libya, Afghanistan, and other countries; shared the data with military and State Department stakeholders. This data was important in ensuring that the mission was accomplished in each area with little or no damage to host nation heritage.
- Completed, with DoD Environmental Security Technology Certification Program (ESTCP) support, the first DoD demonstration of the effectiveness of archaeological predictive modeling for compliance and planning, including several surface models for Eglin Air Force Base and Fort Drum. This modeling will streamline the installations' compliance burden and enhance the development of training and test areas for new missions.
- Established the first DoD digital cultural resources data archives for permanent curation. Maintained by the non-profit Digital Antiquity, the solution outsources the complex effort of keeping with technological changes in media storage while ensuring DoD cultural data is permanently maintained and easily accessible to authorized users and, as appropriate, the public.
- Completed the permanent curation of nearly 30,000 historically significant Air Force engineering plans and drawings from the Cold War era. These priceless documents are often the only remaining vestiges of this long struggle between the superpowers, as base closures and demolitions have removed the physical evidence of the facilities themselves.



Point Cloud of Alert Facility Tunnel: A digital point cloud of one of the egress tunnels of Building 291, Mountain Home AFB. The building is historically significant as a Cold War era strategic bomber alert facility. Recorded using state of the art laser based technology, these data sets provide the installation with precise documentation at minimal cost.



Dr. Green with Caddo Nation Elders: Dr. Green conversing with Caddo Nation elders at Barksdale Air Force Base, Louisiana. He has experience in tribal consultations in several regions. This experience was critical in developing the Powder River Training Complex programmatic agreement and Environmental Impact Statement.

For information on past winners, please go to: www.denix.osd.mil/awards.