



Acquisition, Technology and Logistics

Peter Boice's Final OSD Natural Resources Update

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NR Training: Critical to Mission Support

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NATURAL RESOURCES MANAGEMENT SERVICES:

To the extent practicable using available resources, the Secretary of each military department shall ensure that **sufficient numbers of professionally trained natural resources management personnel and natural resources law enforcement personnel are available and assigned responsibility to perform tasks necessary to carry out this title, including the preparation and implementation of integrated natural resources management plans.**

(SEC. 107. 16 U.S.C. 670e-2)





Overview

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- The Big Picture
- Natural Resources (NR) Program
- Legacy Program
- Informational Resources
- Looking Back/Looking Ahead
- Questions



The Big Picture





The Big Picture: Conservation Budget*

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(millions)	FY2014	FY2015	FY2016	FY2017
REQUEST	\$363	\$381	\$389	\$420
ESTIMATE	\$410	\$394	\$400	-
ACTUAL	\$445	\$377	-	-

FY15 Program Execution (millions)	
Army	\$182
Air Force	\$53
Marine Corps	\$27
Navy	\$57
DW	\$57

Providing flexibility for mission activities while protecting natural and cultural resources

*Conservation budget line includes funding for Readiness and Environmental Protection Integration (REPI) and Cultural Resources.





The Big Picture: NR Program Responsibility

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- DoD is responsible for managing ~25 million acres of land and hundreds of square miles of air and sea space
- These lands contain ~400 federally-listed species and over 550 species at-risk
- DoD is the 5th largest land managing agency, but harbors more sensitive species per acre than any other federal land managing agency





Natural Resources Focus Areas (DoD)

Focus Areas	FY12	FY13	FY14	FY15
INRMP Implementation				
Sikes Act Cooperation (Partnership Effectiveness)				
Team Adequacy				
Natural Resources Program Support of the Installation Mission				
Listed Species & Critical Habitat				
Natural Resources Management (Ecosystem Integrity)				
Recreational Use & Access				



Natural Resources Program



NR Program: Accomplishments

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- On-line Endangered Species Act Training
- DoD PARC Strategic Plan
- Guidelines for Streamlined Review of INRMP Updates (and USFWS Sikes Guidelines)
- Sikes Clarifying Memo on the Role of Federal and State agencies in INRMP Implementation (*pending*)
- Candidate Species Tracking
- Update species at risk information for DoD installations
- DoDD on Climate Change Preparedness and Resilience
 - Wildland fire
 - Invasives





NR Program: Candidate Species

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- INRMPs have helped 103 installations avoid CHD for 291 separate FWS actions since 2004
- 251 MDL Candidate Species
 - 125 on DoD Lands
 - 37 could have moderate (orange) or significant (red) potential to impact mission if CH designated
 - 12 of 37 = “significant” (red) impacts
 - Of the 12, only 3 remain (all Army)
 - Other 9 are either listed or listing not warranted





NR Program: Challenges

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- Minimize costs and impacts to mission through proactive management of candidate species
- Maintaining an adequately trained labor force
- Reduce ESA mitigation costs
- Significant reductions in Conservation funding, FY14 – FY15





NR Program: What's Next

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- Guidance on Incorporating MBTA and Migratory Bird Rule into INRMPs
- On-line Sikes Act Implementation Course
- DoD NR Strategy Action Items
- More Candidate Species
- UFC 3-201-2, Landscape Architecture





NR Program: Strategic Plan

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Natural Resources Strategy Objective:

To integrate off-base and on-base natural resources management – focus on mitigating off-base to optimize the use of installation land to support the mission.





NR Program: Other Opportunities

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- Implementing Strategy Documents
 - *Bird Conservation and Management on DoD Lands*
 - *Amphibian and Reptile Conservation and Management on DoD Lands*







Legacy Program: Budget*

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	FY12	FY13	FY14	FY15	FY16
REQUEST	\$6.5	\$5.3	\$5.4	\$4.4	\$4.4
ESTIMATE	\$6.5	\$5.4	\$4.4	\$4.4	\$4.4
ACTUAL	\$5.7	\$4.3	\$3.4	\$4.0	\$3.9

*Includes NR and CR projects
Dollar amounts are listed in millions





Legacy Program: Funding

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- FY2013: 163 pre-proposals; 49 full proposals
39 projects (25 NR, 12 CR, 2 INT)
- FY2014: 169 pre-proposals; 69 full proposals
35 projects (24 NR, 9 CR, 2 INT)
- FY2015: 191 pre-proposals; 86 full proposals
~25-30 projects
- FY2016: 106 pre-proposals; 39 full proposals
~28-30 projects

Legacy Support Team: dodlegacy@bah.com

Legacy Tracker: www.dodlegacy.org





Legacy Program: FY2017 AOE

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- Areas of Emphasis streamlined in FY2016
- No significant changes for FY2017:
 - Mission Enhancement and Range Sustainment
 - Planning to Address and Adapt to New and Emerging Threats
 - Efficiencies in Cultural Resources Management
 - Asset Resiliency through Historic Preservation
 - Training and Communication

FY2017: pre-proposal reviews scheduled for 23 May





Legacy Program: Guidance Documents

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- Legacy Guidance Documents:
 - How to Submit a Pre-Proposal
 - Full Proposals
 - Receiving an Award
 - Managing an Ongoing Project
 - Legacy Review Process

<https://www.dodlegacy.org/Legacy/intro/guidelines.aspx>

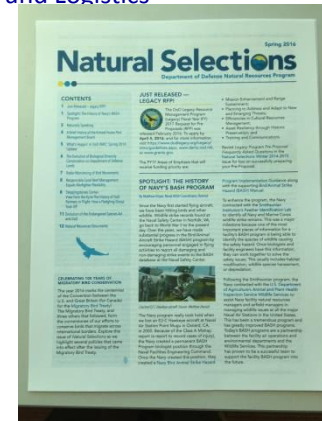




How to Learn More: Natural Resources

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- *Natural Selections* Newsletter
 - Contact NaturalSelections@bah.com
- DoD Natural Resources Website
 - www.DoDNaturalResources.net
- DoD Environment, Safety and Occupational Health Network and Information Exchange:
 - www.denix.osd.mil/nr/
- Twitter: [@DoDNatRes](https://twitter.com/DoDNatRes)





How to Learn More: NR Websites

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- DoD Partners in Flight (PIF): <http://dodpif.org>
- DoD Partners in Amphibian and Reptile Conservation (PARC):
www.dodnaturalresources.net/DoD-PARC.html
- DoD Legacy Program: www.dodlegacy.org
- DoD REPI Program: www.repi.mil





Reflections: Looking Back

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DoD Legacy Program

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Sikes Act

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Workshops

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Sustaining Military Readiness

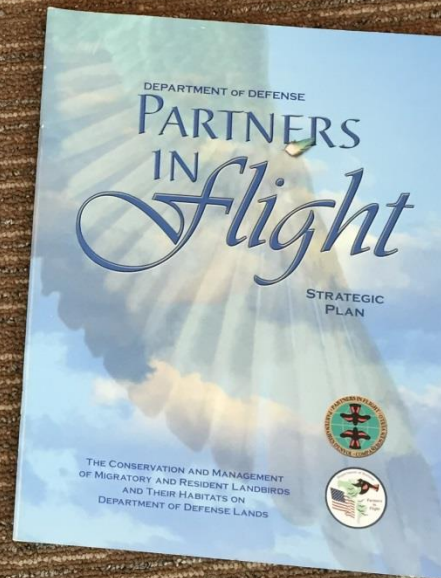
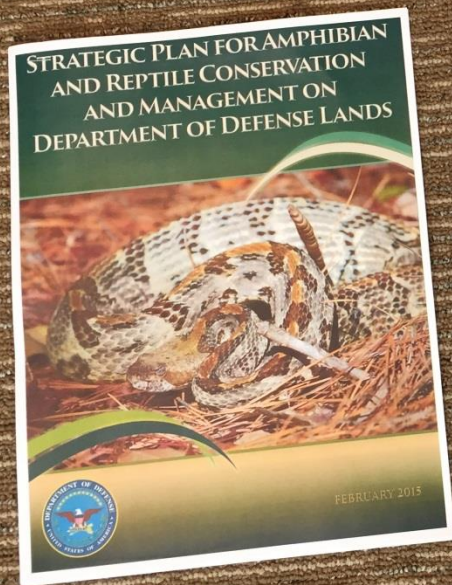
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DoD PIF and DoD PARC

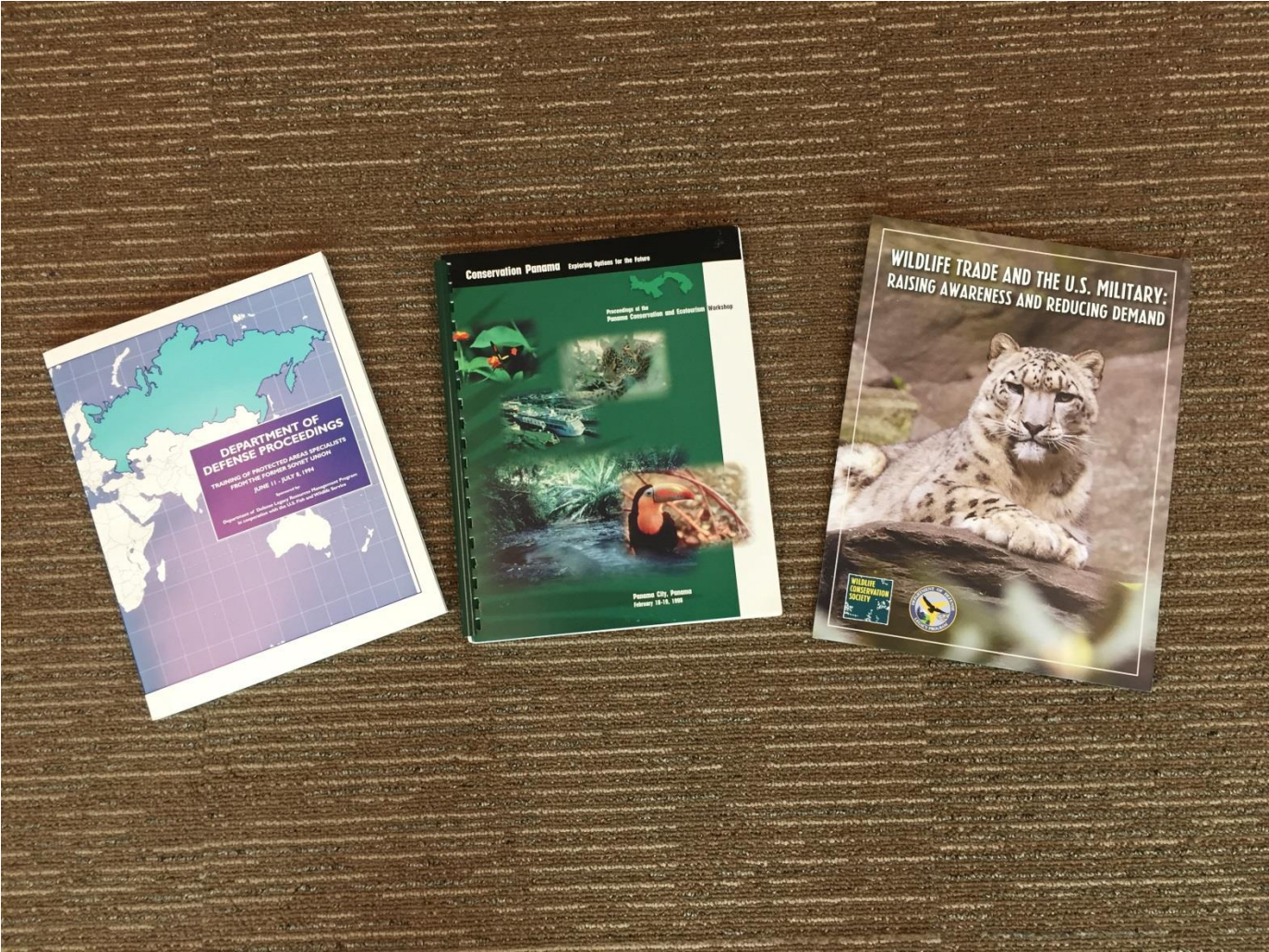
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International

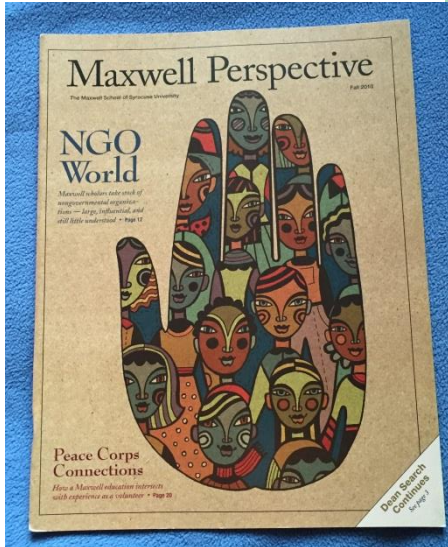
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Outreach

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Kathy Younker '03 MPA, an international development professional in Sacramento, California, was previously systems manager in the Congo division of Hope International, a non-profit microfinance institution.

Brooke Alper '04 BA (PSc) and Josh Lipschitz announce the birth of a son, Matthew Jacob, on May 5, 2009, in Livingston, N.J.

David Anderson '04 BS (Econ) received an MS in management of information technology from the University of Virginia and is currently manager of financial systems at Pinnacle Foods Corporation.

Lee Cerveny '04 PhD (Anth) won the Research and Development Deputy Chief's Early Career Scientist award from the U.S. Forest Service in 2009 for her contributions to the application of social science to natural resource management issues.

Michael Hearn '04 MPA and **Shannon McKinney '04 MPA** were married in August. Michael is a consultant with MGT of America, a national management research and consulting firm. Shannon is a senior consultant to the California State Assembly Committee on Environmental Safety and Toxic Materials. The couple resides in Sacramento.

Greg Laurence '04 MA (IR) received a PhD in organizational behavior from SU's Whitman School of Management in May. He is now assistant professor of management at the University of Michigan, Flint.

Christopher Malagisi '04 MPA, director of political training at the Leadership Institute, received the *Campaigns and Elections* "Politics magazine" "Rising Star" award for achievements in political advocacy.

Victoria Perez Shires '04 BA (PSU/PSc), market manager for Duvel Moorgat U.S.A., married

Guns and Roses

Peter Boice's job is to assure the military plays nice with its flora and fauna.

Which of the following doesn't belong: feral pigs, the regal fritillary butterfly, the southern longleaf pine, or the Department of Defense?

They all belong. The first three are among the many concerns of the Department of Defense's Natural Resources Conservation Program. And they are just a few of the living things that Peter Boice '69 MA (Geog) thinks about every day as deputy director of the program.

The DoD uses almost 30 million acres of land to train troops in natural environments — land that is also the home of a wide variety of plant and animal life that needs to be protected. "It's a balancing act," says Boice. "We make sure the armed forces are combat ready, but we are also charged with a sustainability mandate."

The military often needs vast spaces to test new weapons platforms. "We use some of our lands very harshly," Boice says, "yet we need to maintain them so we can continue to use them." Boice's office provides tools, guidance, and seed funding to help coordinate restorative work on military land.

Boice came to the DoD in 1986, having done stints in the Navy (as a Russian interpreter) and managing environmental concerns at an Air Force base. He has also earned a certificate in natural history field studies from the U.S. Department of Agriculture. A long-time runner, he's deeply committed to the outdoors, a passion that began on walks with his grandmother in the Catskills and Hudson Valley region.

"It's a balancing act."

Peter Boice

Boice's office worked with involved stakeholders to help write and pass the 1997 legislation that turned previous environmental stewardship guidelines into mandates. The law "required us to develop and implement integrated natural resources management plans for all DoD installations that have significant natural resources," Boice says.

The word *integrated* has particular meaning here. Instead of separate fish and wildlife, forestry, and erosion control plans, the plans had to work together. And the law required coordination with other interested stakeholders — NGOs, military trainers, and the general public, for example.

And feral pigs? That's an invasive species the DoD works to educate the public about. The regal fritillary butterfly? A very rare insect whose natural grasslands the DoD restored. And the southern longleaf pine? A valuable conifer that Boice's office worked to protect through regional partnerships.

For Boice, protecting the environment does not conflict with military readiness. In fact, achieving both is what the nation deserves, in his opinion. "I feel passionately that sustaining our natural resources base for future generations is a key value," he says. It's the kind of priority, he says, "that makes our country worth defending."

—Kathryn Lee Stonacich



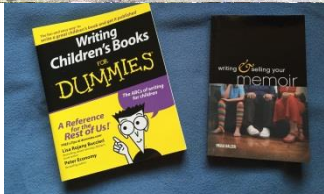
Peter Boice visits a colony of red-footed boobies in the Ulupu'u Wildlife Management Area on a Marine base in Hawaii. Nesting platforms and anti-fire systems have been installed by the Marines to help the birds.





What's Ahead for Me

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Thank you!

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