

## Bringing Technology & Resource Management Innovations to Make Navy More Operationally Effective

**WELCOME TO THE** summer 2015 issue of *Currents*. I'd like to draw your attention to a number of the stories we have included in this issue of the magazine to highlight just some of the many energy and environmental issues and initiatives that your Navy is working on.

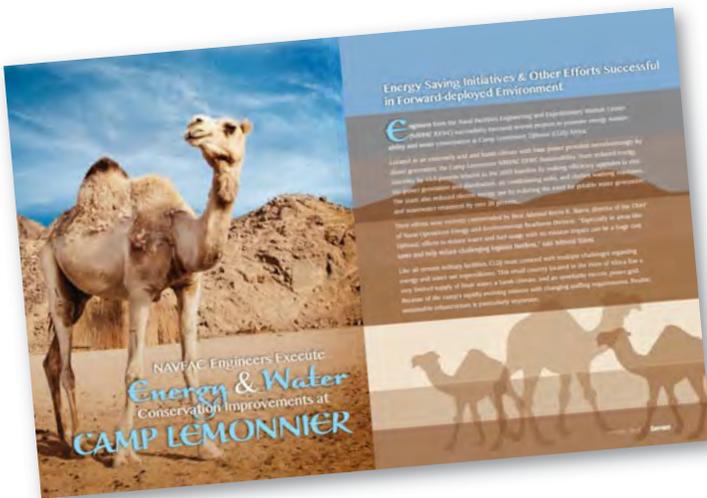
Featured in this issue of the magazine is the great work that was done by a number of engineers from the Naval Facilities Engineering and Expeditionary Warfare Center (NAVFAC EXWC) who successfully executed several projects to promote energy sustainability and water conservation at Camp Lemonnier, Djibouti Africa.

We gain insights from Mr. Joseph Bryan in this issue as he explains his priorities as the new Deputy Assistant Secretary of the Navy for Energy. Kenneth Hess from my staff and Bruce McCaffrey,



managing editor of *Currents*, interviewed Mr. Bryan for our "Spotlight" feature to get his perspectives on the energy challenges facing the Navy today and what needs to be done to face those challenges.

Also in this issue is a behind-the-scenes look at the winners of the Chief of Naval Operations (CNO) Environmental Awards for fiscal year 2014. In our article "Chief of Naval Operations Environmental Award Winners Recognized" we describe the various efforts undertaken by the 2014 awardees that warranted this recognition. Admiral Greenert hosted the awards ceremony via video teleconference (VTC) on June 23, 2015 and I had the pleasure of participating. This was the third year the event was done as a VTC, with nearly every winning command worldwide dialing in remotely. High-level Navy, Department of Defense, U.S. Environmental Protection Agency, and National Oceanic



I would like to personally congratulate the winners of these prestigious awards that demonstrate how environmental stewardship is part of our operational mindset every day both at sea and ashore.

Our cover story "NAVFAC Engineers Execute Energy & Water Conservation Improvements at Camp Lemonnier" describes these efforts that range from improving the energy efficiency of the base's Containerized Living Units to increasing water conservation measures and reducing solid waste generated on the base.

and Atmospheric Administration officials, as well as representatives from the Ocean Conservancy and the Coastal States Organization, participated onsite at the Pentagon.

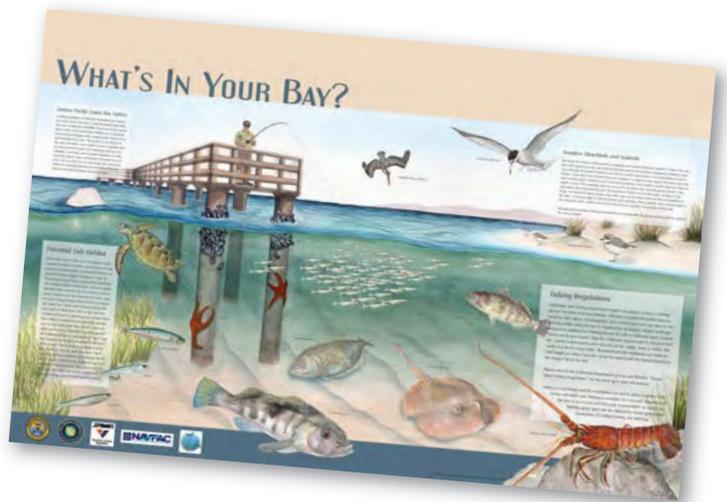


I would like to personally congratulate the winners of these prestigious awards that demonstrate how environmental stewardship is part of our operational mindset every day both at sea and ashore. As Admiral Cullom said when announcing the winners, “These achievements underscore that each contribution can have a tremendous long term impact in conserving our environmental surroundings and resources.”

N45’s research and development programs—the Living Marine Resources program run by Anu Kumar and the Navy Environmental Sustainability Development to Integration program run by Ken Kaempffe—both from NAVFAC EXWC in Port Hueneme, California.



Finally, our center spread in this issue contains a copy of the “What’s In Your Bay?” poster which you can detach and hang on the wall in your cubicle or office.



Two other feature stories round out the line-up for our summer issue. In our story “Carderock Testing New Oil Boom Fouling Release Material,” our colleagues from the Naval Surface Warfare Center in Carderock, Maryland discuss the work they are doing to validate the use of an environmentally friendly non-stick coating in conjunction with in-water cleaning to reduce the biofouling of oil

containment booms. And our “Naval Medical Research Unit San Antonio Captures Mercury-Containing Amalgam Waste” article discusses efforts of

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personnel from the Naval Medical Research Unit San Antonio to capture the mercury-containing amalgam used in dental procedures and ensure ongoing environmental compliance of the Navy’s dental treatment facilities.

In our “Trends of the Environment” section, we alert you to the recent release of annual reports from two of CNO

This poster comes to us from our colleagues at the Naval Facilities Engineering Command Southwest and the Space and Naval Warfare Systems Center Pacific to help promote their efforts to protect the marine mammals and fishes that share the waters of San Diego Bay with us.

Thanks for reading *Currents*, and for your continued interest in the Navy’s energy and environmental programs. ⚓

Rear Admiral Kevin R. Slates  
 Director, Chief of Naval Operation Energy and Environmental Readiness Division

