
NAS NORTH ISLAND - NAVY REGION SOUTHWEST

NAVY ENVIRONMENTAL LEADERSHIP PROGRAM

PARTNERSHIPS

OAK RIDGE NATIONAL LABORATORY

ACTIVITIES INVOLVED

Oak Ridge National Laboratory (ORNL), Environmental Technology Section

STATUS

Active

MISSION

Provide remediation research, technology development, and environmental assessments of impacts on human health and the environment from chemical and radioactive contamination

PARTNERSHIP DESCRIPTION

ORNL is a primary performer of Department of Energy research and development in basic energy sciences, energy efficiency, environmental science and technology, nuclear physics, and biological sciences. ORNL also undertakes other work for the Department of Energy and for other sponsors. ORNL has evolved into a unique resource for addressing important national and global energy and environmental issues. The ORNL Environmental Technology Section (ETS) develops and demonstrates new technologies and provides third-party oversight for other innovative technology projects. The group provides cost-effective assistance to clients with an interest in developing new strategies and techniques to protect and restore the environment. ETS focuses on eliminating or minimizing unnecessary field, analytical, and remediation expenses associated with environmental cleanup efforts.

ORNL staff often submits proposals to demonstrate applicable technologies at NELP sites. In addition, ORNL provides updates on technologies that may be of interest to Southwest Division Naval Facilities Engineering Command (SWDIV) remedial project managers. Projects successfully demonstrated by ORNL through NELP include Colloidal Borescope for Groundwater Flow Characterization, Electromagnetic Offset Logging (EOL), USRADS[®] Survey, and the Visual Environmental Statistics Project.

BENEFITS

- Increases NELP's access to cutting edge innovative technologies
- Encourages development of cost-saving technologies and aligns with NELP mission
- Reduces costs for both ORNL and NELP through partnering

ACCOMPLISHMENTS

Date	Activity
MAR 1996	First ORNL technology demonstrated - USRADS®
SEP 1998	ORNL presented several technologies at the TEAM partnership meeting

CURRENT STATUS/FUTURE PLANS

Date	Activity
Ongoing	Continue to identify opportunities to partner with ORNL to demonstrate innovative technologies

COLLABORATION/TECHNOLOGY TRANSFER

ORNL continues to identify potential technologies that could be matched with a Navy site for demonstration and evaluation under NELP.

BIBLIOGRAPHY

- NAS North Island Environmental Partnership TEAM Notebook, November 1996

RELATED GOVERNMENT INTERNET SITES

[ORNL Environmental Technology Section](#)

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