

This e-mail is supported by NAVFAC's Alternative Restoration Technology Team (ARTT) to provide links to Technology Transfer (T2) tools and the latest information on policies, guidance, and training related to innovative technologies. The T2 topics highlighted in this issue will help support the ARTT's chartered goals of promoting the use of innovative technologies, removing barriers to implementing new technologies, and reducing cleanup costs, while remaining protective of the environment and human health.

Issue 130

June 8, 2015

FRTR Presents an Introduction to Green and Sustainable Remediation: What, Who, Why, and How

The Federal Remediation Technology Roundtable (FRTR) is conducting a webinar to provide an overview of green and sustainable remediation (GSR). The following questions are answered: What is it? Who does it? Why do it? How to implement it? and What are the benefits gained? Key resources and case studies are discussed to further illustrate GSR concepts.



Topic: An Introduction to GSR: What, Who, Why, and How

Presenter: FRTR GSR and Optimization Working Group (U.S. Navy; U.S. Air Force; U.S. Army Corps of Engineers; U.S. Army; U.S. Department of Energy; and U.S. Environmental Protection Agency)

Date: Wednesday, June 10, 2015

Time: 10:00 AM PDT | 1:00 PM EDT

OER2 Webinar on Long Term Monitoring Requirements: A Smarter, Easier, and Better Approach to Reporting and Sampling and Analysis Plans

Implementation of the Management and Monitoring Approach (MMA) has been well received by project teams, Remedial Project Managers, and Headquarters. This supplement to the MMA takes lessons learned into the Sampling and Analysis Plan (SAP) development, Rolling Report (5 Years of Data in one document), and documenting optimization efforts in order to assist in NORM requirements. It is a multi-purpose tool that can be utilized to capture information required for Five Year Reviews, evaluates the remedy performance, documents progress towards site exit, provides a framework for remedy optimization, and provides a comprehensive site summary for corporate knowledge.



Topic: LTM Requirements: A Smarter, Easier, and Better Approach to Reporting and SAPs

Presenter: Ken Bowers

Date: Wednesday, July 22, 2015

Time: 11:00 AM PDT | 2:00 PM EDT

ITRC Integrated DNAPL Site Characterization and Tools Selection

Over the past several decades, industry knowledge regarding dense non-aqueous phase liquids (DNAPLs) site characterization and remediation has evolved. The Interstate Technology and Regulatory Council (ITRC) has published a new resource that reviews the current knowledge of DNAPLs and their subsurface behavior. An integrated site characterization (ISC) approach is emphasized that relies upon adequate data resolution to fully characterize a site. It describes how ISC can be used to align data on contaminant distribution, geology, and groundwater flow at a spatial resolution appropriate to the site-specific remedial objectives. Existing and new tools and techniques are reviewed that can be used to improve subsurface characterization. A spreadsheet is provided that can be downloaded and used to select appropriate DNAPL site characterization tools based upon geologic, hydrologic, and chemical data needs at a site.

The ITRC Integrated DNAPL Site Characterization Guidance (ISC-1) is available at link below:
http://www.itrcweb.org/DNAPL-ISC_tools-selection

Internet-based training is available starting on July 23, 2015 at link below:
<http://www.itrcweb.org/Training/ListEvents?TopicID=5&SubTopicID=49>

The screenshot displays the ITRC website interface. The main content area includes a 'Welcome' message and a detailed introduction to the Integrated Site Characterization (ISC) process. A diagram illustrates the workflow: starting with 'DNAPL Problem' and 'DNAPL Properties', leading to 'Distribution of DNAPL', which then informs 'Integrated Site Characterization'. This process is guided by 'Regulatory Perspective' and 'Stakeholder and Tribal Perspectives'. The 'Integrated Site Characterization' step is further detailed into 'Planning', 'Tool Selection', and 'Data Analysis'. The website also provides contact information and a disclaimer.

For questions or more information, please contact EXWC_T2@navy.mil or visit our Web page at:
<https://www.navfac.navy.mil/go/erb>