

Welcome to the February 2003 SedWeb E-Mail Update, a monthly summary of recent developments about contaminated sediments remediation. This update is a service the Sediments Web Community (<http://www.sediments.org>), an online resource for researchers, regulatory officials, and environmental managers created by the U.S. EPA-sponsored Hazardous Substance Research Centers/South & Southwest (HSRC/SSW).

We invite your submissions for future updates. Contact Mark Hodges at mark.hodges@gtri.gatech.edu to make submissions or suggestions, or to add or remove your name from this list.

Previous SedWeb E-Mail Updates are archived at <http://www.sediments.org/email-update.html>.

Publication of news items in this report does not constitute an endorsement of their contents by either the HSRCs or EPA. We present them because of their potential relevance to sediments researchers and managers.

* * * * *

Conferences/Meetings/Workshops

HSRC PLANS INTERNET SEMINAR ON SEDIMENTS CAPPING DEMONSTRATION. The Hazardous Substance Research Center/South & Southwest, in conjunction with the EPA Technology Innovation Office (TIO), is delivering a live Internet workshop March 12 from 1-3 p.m. on the Anacostia River demonstration of innovative "active capping" technologies. This study aims to show the feasibility and effectiveness of a variety of capping materials that allow treatment and sequestration of contaminated sediments. Speakers will be project director Dr. Danny Reible of Louisiana State University and one of the project's principal investigators, Dr. Greg Lowry of Carnegie-Mellon University. Participants will be able to tune in on conference call lines while viewing presentation slides accessible through the CLU-IN web site supported by TIO. Participation is open to the public and free of charge. To register for the seminar, go to <http://clu-in.org/studio>.

IMMEDIATELY UPCOMING: WEST COAST SEDIMENTS MEETING IN SAN DIEGO. A reminder: the Association for Environmental Health and Sciences (AEHS) and the Navy are presenting the 13th Annual West Coast Conference on Contaminated Soils, Sediments and Water March 17-20 at the Marriott Mission Valley in San Diego, California. To receive conference information, contact Brenna Bartell at 413-549-5170 or by e-mail at brenna@aehs.com. For additional information to the following web site: <http://www.aehs.com/conferences/westcoast/>

TURBIDITY AND SEDIMENT SURROGATES WORKSHOP. The U.S. Geological Survey is organizing a workshop of turbidity and other sediment surrogates April 30-May 2 at the Silver Legacy Hotel in Reno, Nevada. <http://water.usgs.gov/osw/techniques/turbidity.html>

WORKSHOPS ON SEDIMENTS MANAGEMENT IN HAMBURG, GERMANY. The European Sediment Research Network (SedNet) is sponsoring workshops by its Working Group 1 (Site Investigation and Characterization) and Working Group 5 (Risk Management and Communication) in Hamburg at different sites but in close proximity from April 24-26. Working Group 1 will focus on "Assessing Toxicological and Environmental Risk of Natural Sediments," while Working Group 5 meets on "Risk Ranking for Risk Management." More information is at http://www.sednet.org/workshop/wg05_01_wrkp_0403.pdf. In addition, Working Group 4 (Planning and Decision-Making) will sponsor a workshop in Hamburg May 26-28. The meeting will focus on understanding the sources and transfer of both sediment and contaminants in the river basin. For more information on this workshop, contact Alison Collins at a.j.collins@cranfield.ac.uk or Phil Owens at philip.owens@bbsrc.ac.uk.

CONFERENCE ON SEDIMENT REDISTRIBUTION IN RIVERS. The National Soil Resources Institute at Cranfield University in Silsoe, Bedfordshire, United Kingdom, is sponsoring a conference on "Soil

Erosion and Sediment Redistribution in River Catchments: Measurement, Modelling and Management in the 21st Century.” Dates for the conference are September 9-11. For further information, go to: <http://www.silsoe.cranfield.ac.uk/nsri/conference/>

Reports/Publications

NOVEMBER-DECEMBER ISSUE OF EPA CONTAMINATED SEDIMENTS NEWSLETTER. Another issue of EPA's *Contaminated Sediments News* is on the web. It contains a variety of journal article summaries, other journal article titles of interest, upcoming events and conferences, and web sites of interest. <http://www.epa.gov/waterscience/pc/csnews/issue32.htm>

REPORT AVAILABLE ON SEDNET WORKING GROUPS YEAR ONE ACTIVITIES. The European Research Network (SedNet) has produced a report on the year one activities of its various working groups. It is downloadable at <http://www.sednet.org/materiale/Y1WGdel.PDF>.

NEW RESEARCH BRIEF ON PHYTOREMEDIATION RESEARCH. The South & Southwest HSRC has published two new factsheets in its *Research Brief* series describing first-year progress of "Phytoremediation in Wetlands and Confined Disposal Facilities" and "In-Situ Containment and Treatment: Engineering Cap Integrity and Reactivity." The phytoremediation project focuses on the development of a scientific basis for phytoremediation (the use of plants and other vegetation in environmental clean-up) in sediments remediation. You can download it at <http://www.hsrb-ssw.org/pdf/RB24.pdf>. The capping project aims at adapting the surface chemistry of conventional capping materials to create caps with enhanced strength and reactivity for in-situ treatment. <http://www.hsrb-ssw.org/pdf/RB25.pdf>.

NAVY TECHDATA SHEETS ON SEDIMENTS. In December 2002, the Naval Facilities Engineering Command published two TechData Sheet on sediment contamination entitled "Contaminated Sediments at Naval Facilities: Cleanup Alternatives" and "Contaminated Sediments at Naval Facilities: Policy, Guidance and Characterization." http://enviro.nfesc.navy.mil/erb/restoration/fcs_area/con_sed/main.htm

DREDGING RESEARCH BULLETIN. A new issue of the Waterways Experiment Station's *Dredging Research Bulletin* was published in December 2002. <http://www.wes.army.mil/el/dots/drieb.html>

REMEDICATION TECHNOLOGY DEVELOPMENT FORUM PROGRESS REPORT. The RTDF's Sediments Remediation Action Team has posted a progress report on the group's fourth quarter 2002 activities. http://www.rtdf.org/public/sediment/progress/2002_4.htm

NEW DREDGING-RELATED TECHNICAL NOTES PUBLISHED. The Waterways Experiment Station has published five new technical notes on dredging-related topics in January and February 2003. Topics are: 1) phytoreclamation and management approaches for dredged material contaminated with lead; 2) a new transgenic cell line to detect invertebrate endocrine disrupters; 3) effects of a confined disposal facility and vadose zone characteristics on leachate quality; 4) validation of pathway analysis of metals from aged dredged material using plants and worms; and 5) dredged material composting at Wisconsin confined disposal facilities. <http://www.wes.army.mil/el/dots/doer/technote.html>

Remediation Projects

FIRST PHASE OF UPPER HUDSON RIVER SAMPLING PROGRAM DONE. The first phase of a two-year program to collect sediment samples on the Upper Hudson River in New York State has been completed. This effort is part of a project to remove sediments containing PCBs from the river. Available for downloading are the project quality assurance plan as well as full and summary versions of the facility siting concept document. <http://www.hudsoninformation.com/>

Employment Opening

SEDIMENT SITE CLEANUP MANAGER SOUGHT IN WASHINGTON STATE. There are potential job openings at the Washington State Department of Ecology that may be of interest to experienced professionals who specialize in fresh-water sediment investigation, cleanup, and restoration. The department is looking for individuals to independently manage and oversee sediment site cleanup work, most pressing in fresh water sediments in eastern Washington based in Spokane Washington. □ These individuals will manage, oversee, and support the investigation and cleanup of contaminated sediment sites for compliance with state sediment and cleanup rules as well as other relevant laws and regulations. If you wish to be available for possible consideration please start by evaluating the general recruitment and qualifications for an Environmental Specialist 4 online at:
<http://hr.dop.wa.gov/statejobs/bulletins/CURRENT/12501oc.htm>