

Welcome to the SedWeb E-Mail Update, a periodic 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 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](mailto:mark.hodges@gtri.gatech.edu) to make submissions or suggestions, or to add or remove your name from this list.

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.

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### **Reports/Publications**

SEDIMENT MANAGEMENT WHITE PAPER. An 88-page white paper has been published by the Sediment Management Laboratory and Marine Environmental Support Office on "Critical Issues in Contaminated Sediment Management." Contributors to the papers come from a variety of research organizations. To download the white paper, go to <http://www.sediments.org/sedmgt.html>.

SEDIMENT STABILITY CONFERENCE PRESENTATIONS. Presentation slides and workshop notes from a three-day workshop on sediments stability are on the web. The event, held in January 2002, was organized and conducted by the U.S. Environmental Protection Agency, U.S. Army Corps of Engineers, U.S. Navy, South & Southwest Hazardous Substance Research Center, and the Sediment Management Work Group. <http://www.sediments.org/sedstab-pres.html>.

JOURNAL OF SOILS AND SEDIMENTS. The following web site contains information about a recently established technical journal of interest to the sediments research community. <http://www.scientificjournals.com/jss/welcome.htm>

DREDGING RESEARCH INFORMATION EXCHANGE BULLETIN. The June 2002 (Vol. 5, No. 2) edition of the *Dredging Research Information Exchange Bulletin* is available online in PDF format. The bulletin is sponsored by the U.S. Army Corps of Engineers Waterways Experiment Station. <http://www.wes.army.mil/el/dots/drieb.html>

EPA CONTAMINATED SEDIMENTS NEWS. EPA's Office of Science and Technology has established *Contaminated Sediment News*, a monthly review of recent journal articles, issues, upcoming conferences, and other news. It replaces EPA's *Contaminated Sediments Newsletter*. <http://www.epa.gov/OST/pc/csnews/issue26.htm>

NATIONAL SEDIMENT QUALITY SURVEY REPORT UPDATE. The U.S. Environmental Protection Agency (EPA) is releasing for review a draft version of "The Incidence and Severity of Sediment Contamination in Surface Waters of the United States, National Sediment Quality Survey: Second Edition." This report to Congress identifies areas in the United States where data suggests that the sediment is contaminated at potentially harmful levels. Get a copy from <http://www.epa.gov/waterscience/cs/surveyfs.html>.

### **Research/Demonstrations**

ANACOSTIA RIVER CAPPING DEMONSTRATION. The federal government has allocated \$2.25 million for a demonstration of innovative sediment capping technologies on the Anacostia River. Leading the effort is the Hazardous Substance Research Centers/South & Southwest. The Anacostia is one of the nation's 10 most endangered rivers, flowing from Maryland to the District of Columbia, where it empties into the Potomac River. <http://www.sediments.org/anacostia.html>

EUROPEAN SEDIMENTS RESEARCH NETWORK. The European Sediments Research Network (SEDNET) has been established to facilitate multi-organizational work on sediments-related research and policy development. Working groups have been created in the following topic areas: site investigation and characterization, contaminant behavior and fate, sediment treatment, planning and decision-making, risk management and communication, and financial and economic aspects of sediments management. <http://www.SedNet.org/>

GEOCHEMISTRY OF WETLAND SEDIMENTS IN SOUTH FLORIDA. The goal of this U.S. Geological Survey project is to examine the biogeochemical cycling of nutrients, carbon, and sulfur in sediments. This project is examining (1) sources of nutrients, sulfur, and carbon to wetlands of south Florida, (2) the important role of chemical and biological processes to the wetland sediments (biogeochemical processes) in the cycling of these elements, and (3) the ultimate fate (i.e. sinks) of these elements in the ecosystem. An understanding of past changes in the geochemical environment of south Florida will provide land and water managers with baseline information on what water quality goals for the ecosystem should be, and on how the ecosystem has responded to past environmental change and will likely respond to changes accompanying restoration. [http://sofia.usgs.gov/projects/wetland\\_seds/](http://sofia.usgs.gov/projects/wetland_seds/)

NEW HSRC SEDIMENTS PROJECTS. The U.S. EPA-sponsored Hazardous Substance Research Centers/South & Southwest has funded four new research projects. Topics are: 1) bioturbation and bioavailability of residual, desorption-resistant contaminants, 2) contaminant release during removal and resuspension, 3) in-situ containment and treatment: engineering cap integrity and reactivity, and 4) phytoremediation in wetlands and confined disposal facilities. <http://www.hsrc-ssw.org/ssw-abstracts.html>

### **Conferences/Meetings**

COASTAL SEDIMENTS SYMPOSIUM. The Coastal Sediments '03 Symposium will be held May 18-23, 2003, at the Sheraton Sand Key Resort in Clearwater Beach, Florida. This multi-disciplinary international conference is convened for researchers and practitioners to discuss science and engineering issues of coastal sediment processes. The conference will provide a high level technical forum for exchange of information among the fields of coastal engineering, geology, oceanography, meteorology, physical oceanography, and biology. More information is available at <http://www.coastalsediments.net/>.

QUEBEC SYMPOSIUM. The Second International Symposium on Contaminated Sediments will take place May 26-28, 2003, in Québec City, Canada. The theme of the meeting will be "Characterisation, Evaluation, Mitigation/Restoration, Monitoring and Performance." The symposium will cover the areas of sediment characterization, contaminant evaluation, mitigation/restoration methods, and management strategy performance from the geological, geotechnical, biological and geophysical perspectives. For more information, go to <http://www.sediments.org/quebec.html>.

EXPEDITING AND ECONOMIZING CLEANUPS. The Annual Conference on Contaminated Soils, Sediments and Water, this year, October 21-24, 2002, at the University of Massachusetts at Amherst has become the preeminent national conference in this important environmental area. Expediting and Economizing Cleanups, this conference's theme, will be supported by the development of a strong and diverse technical program in concert with a variety of educational opportunities available to attendees. For more information, go to <http://www.umasssoils.com/>.

BATTELLE REMEDIATION CONFERENCE IN VENICE. Battelle will sponsor the Second International Conference on the Remediation of Contaminated Sediments in Venice, Italy, from September 30 to October 2, 2003. The call for abstracts brochure is expected around September 2002. To request a copy of the call, send an e-mail with your name and mailing address to [sedimentscon@battelle.org](mailto:sedimentscon@battelle.org). <http://www.battelle.org/environment/er/conferences/sedimentscon/default.stm>.

SYMPOSIUM ON AQUATIC ECOSYSTEMS. The 5th International Symposium on Sediment Quality Assessment on "Aquatic Ecosystems and Public Health: Linking Chemical, Nutrient, Habitat and Pathogen Issues" will be held October 16-18 in Chicago, Illinois. For more information, go to the web site of the symposium sponsor, the Aquatic Ecosystem Health & Management Society (AEHMS), at [http://www.aehms.org/SQA5\\_event.html](http://www.aehms.org/SQA5_event.html).

### **Training**

PHYTOTECHNOLOGIES TRAINING. The EPA Technology Innovation Office will host an Internet seminar on phytotechnologies developed through the Interstate Technology and Regulatory Council (ITRC) On August 13 from 2:00 to 4:15 p.m. EDT. Phytotechnologies use plants to contain, stabilize, sequester, assimilate, reduce, detoxify, degrade, metabolize and/or mineralize contaminants in soil, ground water, surface water, or sediments. For further information, contact Mary Yelken at 402-325-9615. For more information, go to <http://clu-in.org/live/>.

### **Outreach/Community Involvement**

EPA HUDSON RIVER PCBs SITE FIELD OFFICE. EPA is pleased to announce the "informal" opening of its Hudson River Field Office located in Fort Edward, New York. The field office will serve as a base for Upper Hudson community involvement activities. <http://www.epa.gov/hudson/>

HUDSON RIVER LISTSERV. EPA has established a Hudson River Listserv that provides e-mail reports on information about this sediments remediation project. For more information, go to the following web site: <http://www.epa.gov/hudson/listserv.htm>.

### **Grant Solicitation**

The Environmental Protection Agency (EPA) has issued a request for applications for cooperative agreements to provide assistance conducting research to stimulate advances in the science of risk communication so that more effective methods, tools, and models can be used to empower communities to participate more effectively in environmental cleanups, especially the cleanup of contaminated sediment sites. Cooperative agreements are expected to range from \$100,000 to \$500,000 and last from one to four years. Solicitation packages can be found on the NCEA Web site <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=51782>.