

Welcome to the February 2006 SedWeb E-Mail Update, a regularly appearing summary of recent developments about contaminated sediments. 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.

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CONFERENCES/MEETINGS/WORKSHOPS

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March 13-16: 16th Annual AEHS Meeting & West Coast Conference on Soils, Sediments, and Water, San Diego, California. <http://www.aehs.com/conferences>

March 20-21: 3rd European Conference on Contaminated Sediments, Budapest, Hungary. <http://www.reused.nl>

April 2-6: Joint 8th Federal Interagency Sedimentation and 3rd Hydrologic Modeling Conferences. Silver Legacy Hotel, Reno Nevada. <http://water.usgs.gov/wicp/acwi/hydrology/mtsconfwkshops/ann-4-2-2006.html>

May 7-11: 16th Annual Meeting of the Society of Environmental Toxicology and Chemistry's SETAC Europe Annual Meeting on the theme, "Controversies and Solutions in Environmental Sciences," in The Hague, The Netherlands. <http://www.setaceumeeting.org/thehague/>

May 22-25: 5th Annual International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA. Sponsored by Battelle. <http://www.battelle.org/environment/er/conferences/chlorcon/default.stm>

May 22-26: International Association for Great Lakes Research Annual Conference on the theme "Great Lakes in a Changing Environment." Windsor, Ontario. <http://www.iaglr.org/conference/2006/>

May 23-25: 3rd Annual Symposium on Contaminated Sediments, Shizuoka, Japan, sponsored by ASTM International. <http://soildyn.oc.u-tokai.ac.jp/~iscs2006/>

June 25-30: 2nd Gordon Research Conference on Permeable Sediments at Colby College in Waterville, Maine. <http://www.grc.org/programs/2006/permsed.htm>

July 3-7: ICCE meeting on Sediment Dynamics and the Hydromorphology of Fluvial Systems. Dundee, Scotland. http://www.dundee.ac.uk/geography/news_events/IAHS2006/

August 6-11: 8th Annual Conference on Mercury as a Global Pollutant on the theme, "Integration of Science, Policy, and Socioeconomics." Madison, Wisconsin. <http://www.mercury2006.org/>

August 20-26: World Water Week, Stockholm, Sweden, <http://www.worldwaterweek.org>

September 18-20: SETAC Asia/Europe Annual Meeting at Peking University in Beijing, China. For information, go to: http://www.setac.org/htdocs/what_meet_setac.html.

September 26-28: Third International Symposium on Integrated Water Resources Management, Ruhr-University Bochum. Conference theme: "Reducing The Vulnerability of Societies Against Water Related Risks at the Basin Scale." Sponsored by the International Commission for Water Resources Systems. <http://conventus.de/water/index.php>

October 6-7: International Conference on Renewable Energies & Water Technologies (CIERTA 2006). Almeria, Spain. <http://www.emwis.org/news/display.asp?id=530>

October 15-20: ECSA 41st International Conference - Measuring and Managing Changes in Estuaries and Lagoons. Venice, Italy. <http://venus.unive.it/ecsa2006/index.html>

October 16-19: 22nd Annual Conference on Soils, Sediments and Water, University of Massachusetts at Amherst. Deadline for abstracts/proposals is February 8. <http://www.umasssoils.com>

November 1-3: 3rd International Conference on the Water Resources in the Mediterranean Basin. Tripoli, Lebanon. This conference is sponsored by the Lebanese University and Lebanese Committee for Environment and Sustainable Development. Abstract submission deadline: March 30. <http://www.emwis.org/news/display.asp?id=580>

November 28-30: Partners in Environmental Technology Technical Symposium and Workshop, Washington, DC. Sponsored by the SERDP and ESTCP. More information is available at partners@hgl.com or 703/736-4548. More information will be posted by June 2006 at <http://www.serdp.org/news.cfm>.

May 13-17, 2007: Coastal Sediments 2007 in New Orleans, Louisiana. Conference theme: Coastal Engineering and Science in Cascading Spatial and Temporal Scales. Deadline for receipt of abstracts is May 15. <http://www.asce.org/conferences/cs07/index.cfm>

WEB-ACCESSIBLE CONFERENCE & TRAINING PRESENTATIONS

The EPA Technology Innovation Office's CLU-IN Internet Studio is featuring several January web-based seminars and training classes of potential interest for SedWeb readers. More information is available at: <http://clu-in.org/studio/seminar.cfm#upcoming>. The January schedule includes:

- January 10: "What's New in Chemical Oxidation"
- January 12: "What is Remediation Process Optimixiation and How Can It Help Me Identify Opportunities for Enhanced and More Efficient Site Remediation"
- January 19: "Revegation and Restoration of an Oil-Contaminated Wetland in Northern New Jersey"
- January 25: "DNAPLS: Biological Remediation Process"

Speaker presentations (many with audio clips synchronized to slides) are now online from the NATO-sponsored Advanced Research Workshop on the Assessment and Remediation of Contaminated Sediments held in May 2005 in Bratislava, Slovak Republic. <http://www.hsrb-ssw.org/bratislava.html>

All lecture presentations from the Dredged Material Assessment and Management Seminar held April 26-28 in Boston, MA, can be found at <http://el.erdc.usace.army.mil/dots>. This training is held at least once a year by the Dredging Operations Technical Support (DOTS) Program and is hosted by a Corps Division or District office. This seminar focuses on assessment and testing for waters regulated under

the Marine Protection, Research, and Sanctuaries Act and the Clean Water Act. Approximately 20 lecturers spoke on topics such as Regulations and Policies; Inland, Ocean, and Upland Testing Manuals; Sediment Quality Guidelines; Innovative Technologies; Contaminated Sediment Remediation; Risk Assessment Applications; Nearshore/Aquatic Placement Models; and other dredging-related subjects.

POLICY GUIDANCE RESOURCES *****

The Euro-Mediterranean Water Information System (EMWIS) is a web-based information and knowledge exchange tool that aims to facilitate access to information, develop the sharing of information, and elaborate common outputs and cooperation programs on the know-how in the water management field. To gain access to documents, announcements, and forum exchanges, go to <http://www.emwis.org/>.

RECENT PUBLICATIONS *****

In December 2005, the President signed into law H.R. 2863, a bill appropriating funds for environmental restoration by U.S. defense agencies. To read a copy of this legislation, go to: https://www.denix.osd.mil/denix/Public/Library/Cleanup/CleanupOfc/whats_new/recentDocs.html

The Sediments Management Work Group (SMWG) is making available several downloadable documents of interest to the sediments community. They include: 1) a summary of the sediment areas of concern identified by the U.S. and Canada for the Great Lakes Regional Collaboration project (along with recommendations for action); 2) SMWG comments on the U.S. Environmental Protection's PCB cleanup and disposal regulations; and 3) SMWG comments on the implementation of the Great Lakes Legacy Act. To download any of these files, go to the SMWG home page at <http://www.smwg.org>.

In late December 2005, the U.S. Army Corps of Engineers Environmental Laboratory posted a publication available for download in PDF format entitled "Watershed Assessment Tool for Evaluating Ecological Condition, Proposed Impacts, and Restoration Potential at Multiple Scales." It (and a variety of other electronic publications, are available at: <http://el.erdc.usace.army.mil/new.cfm>.

In December 2005, U.S. EPA released an overview document on "EPA Authorities for Natural Resource Managers Developing Aquatic Invasive Species Rapid Response and Management Plans." According to EPA, the document "is a tool for state, tribal, regional and local natural resource managers developing aquatic invasive species rapid response and management plans." http://www.epa.gov/owow/invasive_species/invasives_management/

In November 2005, U.S. EPA published its most recent *Technology News and Trends* newsletter. Topics in the current issue are: ZVI permeable reactive barriers, approaches for the assessment of vapor intrusion, use of tree-core analysis in site assessments, and a report on the recent nanotechnologies workshop. You can download it at: <http://clu-in.org/techpubs.htm>.

In November 2005, the latest quarterly edition of Army Environmental News was released. The publication is available online at: <http://aec.army.mil/usaec/publicaffairs/update/fall05/fall05.html>

REMEDATION PROJECTS *****

BioGenesis Washing BGW, LLC, has begun full-scale operations to decontaminate and beneficially use contaminated dredged material from New York/New Jersey Harbor. The company's BioGenesisK

washing technology provides an alternative to the problem of how to manage harbor sediments polluted by industrial and urban chemical waste and stormwater runoff. According to a company press release, "About four million cubic yards of sediment must be dredged each year from the berths and navigation channels in and around the New York/New Jersey Harbor. Of this amount approximately half cannot be placed in the ocean because the sediment contains contamination at levels considered too high for sensitive marine environments. Ocean dumping of contaminated sediment was banned in 1997, and since then, the polluted sediments have been taken ashore and used in a variety of ways, including building golf courses and parking lots, and filling in abandoned mines. Those methods solved the immediate problem, but their limited capacity will not meet the continuing need for management options that extends to 2040 and beyond." According to the company, BioGenesisK washing technology uses soaps, patented equipment, and 10,000 pounds per square inch water pressure to remove contaminants from sediments. The pollutants include PCBs, dioxins, heavy metals like mercury and arsenic, and petroleum related compounds. For further information, contact Charles Wilde at 703-913-9700 or cwilde@biogenesis.com.