

Welcome to the June-July 2004 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

SEDIMENT MANAGEMENT WORK GROUP TO CONVENE FALL MEETINGS. The SMWG will convene in Seattle, Washington September 21-23. Events will include a September 21 workshop on lessons learned in technology transfer in the Puget Sound Sediment Cleanup that is being conducted by the SMWG in cooperation with EPA Region 10 and the EPA Contaminated Sediments Technical Advisory Group. The workshop will be followed by a September 22 sponsor forum and a September 23 fall meeting that are open to SMWG members and sponsors only. Additional information is available from Steve Nadeau at snadeau@honigman.com. To learn more about SMWG membership and sponsorship guidelines, go to [hsrc://www.smwg.org](http://www.smwg.org) and select the "Members/Sponsors" button.

CALENDAR OF OTHER UPCOMING TECHNICAL CONFERENCES/MEETINGS

July 11-14: Watersheds 2004. Sponsored by the Water Environment Federation in Dearborn, Michigan. For more information, e-mail watershed04@wef.org or call 703-684-2400, x 7010.

July 11-14: 44th Annual Meeting of the Aquatic Plant Management Society, Tampa, Florida.
<http://www.apms.org>

August 17-20: 6th International Symposium on Sediment Quality Assessment in Antwerp, Belgium.
<http://www.ua.ac.be/ecobe>

September 27- October 1: World Dredging Congress (WODCON) XVII in Hamburg, Germany, sponsored by the World Organisation of Dredging Organizations. Meeting theme: Dredging in a Sensitive Environment. For more information go to: <http://www.woda.org/WODCONXVII/index.html>.

September 12-15: Second National Conference on Coastal and Estuarine Habitat Restoration. Washington State Convention & Trade Center, Seattle, Washington. Sponsored by Restore America's Estuaries.
<http://ca.mycontent.org/General/RAEConference/>

September 19-24: 29th International Conference on Coastal Engineering. Lisbon, Portugal. Organized by the Portuguese National Civic Engineering Laboratory under the auspices of the Coastal Engineering Research Council of the American Society of Civil Engineers. <http://www.icce2004.org/>

September 21: Workshop on lessons learned in technology transfer in the Puget Sound Sediment Cleanup. Conducted by the the Sediment Management Work Group, EPA Region 10 and the Contaminated Sediments Technical Advisory Group in conjunction with SMWG's September 22-23 sponsor forum and fall meeting in Seattle, Washington.

October 18-21: 21st Annual Conference on Soils, Sediments and Water at the University of Massachusetts at Amherst on the theme "Expediting and Economizing Cleanups." For more information, contact Denise Leonard at 413/545-1239 or by e-mail at: info@UMassSoils.com. The conference web site, with links to past conference information, is: <http://www.umasssoils.com>.

October 26-28: Conference on Uncertainty and Risk Management at Sediment Sites. St. Louis, Missouri. Sponsored by U.S. Army Corps of Engineers, U.S. EPA, the Hazardous Substances Research Center/South & Southwest, U.S. Navy, NOAA, and the Sediment Management Work Group. Register at <http://www.smwg.org>. More information is available from Dr. Todd Bridges at 601-634-3626 (e-mail: Todd.S.Bridges@erdc.usace.army.mil).

November 3-5: 24th International Symposium of the North American Lake Management Society, Victoria, British Columbia. <http://www.nalms.org/symposia/symposia.htm>

December 2-3: 2nd European Conference on Dredged Sediments and Mineral Values in Europe, Amsterdam Holiday Inn Hotel in Amsterdam, The Netherlands. <http://www.klasse4.nl/files/congres2004.html>

January 23-26, 2005: First International Conference on Environmental Science and Technology in New Orleans, Louisiana. Abstracts are due May 31. Go to <http://www.AASci.org/conference> for more information or send e-mail inquiries to: conference@AASci.org.

January 24-27, 2005: Third International Conference on Remediation of Contaminated Sediments, New Orleans, Louisiana. Conference theme is "Finding Achievable Risk Reduction Solutions." Abstract deadline: June 30. <http://www.battelle.org/sedimentscon>. More information is available at: info@confgroupinc.com).

March 13-19, 2005: 9th International Conference on Energy & Environment, Cairo and Sharm El-Sheikh, Egypt. Contact Dr. Ralph H. Kummler at rkummler@chem1.eng.wayne.edu or 313-577-3775. For more information, go to <http://www.sediments.org/cairo-meeting.pdf>.

July 19-22, 2005: Watershed Management Conference, "Managing Watersheds for Human and Natural Impacts: Engineering, Ecological, and Economic Challenges." Sponsored by the Environmental and Water Resources Institute (EWRI) of the American Society of Civil Engineers. <http://www.asce.org/conferences/watershedmanagement2005/>

August 28-September 2, 2005: 10th Annual International Symposium on the Interactions between Sediment and Water and the International Association for Sediment Water Science. Lake Bled, Slovenia. <http://www.wsc.monash.edu.au/iasws/2005symposium.htm>

REPORTS AND PUBLICATIONS *****

WEIGHT OF EVIDENCE APPROACH TO EVALUATING MONITORED NATURAL RECOVERY. The Sediments Remediation Action Team of the Remediation Technologies Development Forum (RTDF) has published a series of downloadable draft papers on the weight-of-evidence approach for evaluating the use of monitored natural recovery (MNR). MNR is a sediment cleanup method that uses ongoing, naturally occurring processes to contain, destroy, or otherwise reduce the bioavailability or toxicity of

contaminants in sediments. In these working draft papers, the authors present five interrelated elements (based on site-specific information) to assess the use and effectiveness of MNR: 1) characterization of contamination sources and controls; 2) characterization of fate and transport processes (both sediment and contaminant); 3) establishment of an historical record for contaminants in sediments (including bed stability); 4) collaboration of MNR-based on biological endpoint(s) trends; and 5) development of acceptable and defensible predictive tools.

<http://www.rtdf.org/public/sediment/mnrpapers.htm>

PUBLICATIONS EVALUATE FIELD TECHNOLOGIES FOR MEASURING MERCURY IN SEDIMENT. The EPA Superfund Innovative Technology Evaluation (SITE) program web site recently published links to final reports on a demonstration of technologies for measuring mercury in sediments. Technologies included MTI Inc.'s PDV 6000 anodic stripping voltammetry, Milestone Inc.'s direct mercury analyzer (DMA)-80, Metorex's X-MET 2000 x-ray fluorescence technology, NITON's XLI/XLt 700 series x-ray fluorescence analyzers, and Ohio Lumex's RA-915+/RP-91C mercury analyzer. To learn more, go to <http://www.epa.gov/ORD/SITE/> and click on the item tagged "New" in the Monitoring and Measurement Technologies section.

REPORT SURVEYS EQUIPMENT USED TO COLLECT SEDIMENT AND PORE WATER SAMPLES. The EPA Technology Innovation Program has published an on-line report of "Sampling for Contaminants in Sediments and Sediment Pore Water." This report is meant to serve as a basic reference for screening methods for further investigation. <http://clu.in.org/programs/21m2/sediment/>

REMEDATION ACTIVITIES

FOX RIVER SEDIMENT SAMPLING DATA AVAILABLE FOR DOWNLOAD. Pre-design sediment sampling results from a remedial action in PCB-contaminated areas of the Lower Fox River of Wisconsin are available for downloading. You can gain access to these data at the following web site.

<http://www.dnr.state.wi.us/org/water/wm/lowerfox/whatsnew.html>

COMMENT PERIOD EXTENDED FOR HUDSON RIVER CLEANUP DEWATERING FACILITIES. The U.S. Environmental Protection Agency has extended the public comment period until July 31 for comments on its Draft Facility Siting Report for the Hudson River PCB remediation project. EPA has identified three sites for possible use as sediment processing/transfer ("dewatering") facilities needed for the Hudson River PCBs cleanup project. EPA also identified two other sites as suitable sites. The report is available on EPA's project Web site at http://www.epa.gov/hudson/facility_siting.htm and at information repositories located in Glens Falls, Ft. Edward, Ballston Spa, Albany, Poughkeepsie, New York City and Edgewater, New Jersey. Copies are also available on CD-ROM by calling the Hudson River Field Office at (518) 747-4389 or toll-free at (866) 615-6490.