

Announcement: SEDYMO International 2006

International Symposium on Sediment Dynamics and Pollutant Mobility in River Basins

Hamburg University of Technology (TUHH), March 26 to 29, 2006

<http://www.tutech.de/sedymo/>

DOI: <http://dx.doi.org/10.1065/jss2005.08.007>

Aim and Program of the Symposium

Remediation methodology as well as the preceding risk assessment of contaminated sediments has to be seen in the context of sustainable sediment management and the holistic river-basin approach of the EU Water Framework Directive (WFD). Both for establishing sediment-related quality objectives and for developing technical problem solutions a set of practical process knowledge is needed that uses a wide range of simulation techniques as well as models in different spatial and temporal scales. The coordinated research program SEDYMO comprising 13 subprojects is funded by the German Federal Ministry of Education and Research (BMBF) since May 2002. Its interdisciplinary approach focuses on the transport and mobiliza-

tion of contaminated sediments due to hydrodynamic processes (<http://www.tu-harburg.de/ut/sedymo/>). SEDYMO is also associated with the Professional Committee WW-9 'Management of Contaminated Sediments' of the German Association for Water, Wastewater and Waste (DWA).

The symposium program – 10 overview lectures, 30 oral presentations, 3 poster sessions (including short oral Introductions) – presents the basic information on interacting hydromechanical, geochemical and biological processes (day 1 and 2) and its role in the river-basin wide risk assessment and remediation approach, as designed by the Demand-Driven European Sediment Research Network (SedNet; day 3).

Sunday 26.3.06	<i>from 18.00: Registration</i> 19.00 – 21.00 Get Together	
Monday 27.03.06	<i>from 8.30: Registration</i> 9.00 – 10.30 Opening Session (TUHH, BMBF, Opening Lecture) <i>10.30 – 11.00 Coffee Break</i> 11.00 – 12.40 Session I <i>12.40 – 13.30 Lunch</i> 13.30 – 15.10 Session II <i>15.10 – 16.00 Coffee Break + Poster Session A</i> 16.00 – 18.00 Session III	Hydrodynamics (Overview: D.M. Paterson, University of St. Andrews, UK) Transport Modeling (Overview: O. Larsen, DHI Water & Environment, Germany) Catchment Modeling (Overview: U. Kern, Erft-Verband, Germany)
Tuesday 28.03.06	8.30 – 10.10 Session IV <i>10.10 – 11.00 Coffee Break + Poster Session B</i> 11.00 – 12.40 Session V <i>12.40 – 13.30 Lunch</i> 13.30 – 15.30 Session VI <i>15.30 – 16.00 Coffee Break</i> 16.00 – 18.00 (a) Session VII 16.00 – 18.00 (b) Meeting of the Task Force Committee WW-9 'Management of Contaminated Sediments' (in German)	Sediment/Water Interactions (Overview: E. Peticrew, University of Plymouth, UK) Sediment Fine Particles (Overview: W. Symader, University of Trier, Germany) Sediment Microbiology (Overview: H.-C. Flemming, Univ. of Duisburg-Essen, Germany) Sediment Toxicity (Convenor: W. Ahlf, Hamburg University of Technology, Germany)
Wednesday 29.03.06	8.30 – 10.10 Session VIII <i>10.10 – 11.00 Coffee Break + Poster Session C</i> 11.00 – 12.40 Session IX <i>12.40 – 13.30 Lunch</i> 13.30 – 15.00 Discussion	European River Basins (Overview: W. Salomons, Free Univ. of Amsterdam, Netherlands) Sediment Risk Assessment (Overview: M. Babut, CEMAGREF, Lyon, France) Sediment Perspectives (J. Brils, TNO, Den Helder, NL; B. Westrich, Univ. of Stuttgart, Germany)

Local Organizing Committee: Ulrich Förstner (Chairman), Wolfgang Ahlf, (TUHH), Heinz Glindemann (Hamburg Port Authority – HPA), Susanne Heise (TUHH, BIS/TuTech, SedNet), Axel Netzband (HPA, SedNet Daily Management Team), Heinrich Reincke (Free and Hanseatic City of Hamburg); Secretary: Ralf Siepmann (TUHH)

Scientific Committee (German Members): Ulrich Förstner (TUHH, Co-Chair), Bernhard Westrich (University Stuttgart, Co-Chair), Fridbert Ackermann, Martin Keller (Federal Institute of Hydrology, Koblenz), Wolfgang Ahlf, Wolfgang Calmano, Giselher Gust (TUHH), Hans-Curt Flemming (University of Duisburg-Essen), Fritz H. Frimmel (University Karlsruhe), Gerhard Jirka (University Karlsruhe), Michael Hupfer (Insti-

tute of Freshwater Ecology, Berlin), Lutz-Arend Meyer-Reil (University of Greifswald), Mark Markofsky, Werner Zielke (University of Hannover), Eckhard Worch (Dresden University of Technology). International Members see Overview Lectures.

Paper Submission. Authors are asked to submit a 1 page abstract in English for oral or poster presentation. For oral presentation on day two and day three, preference will be given to contributions including hydraulic and river basin aspects, respectively. **Deadline for submission: October 31, 2005. Notification of authors: November 30, 2005**

Peer reviewed selected contributions from this symposium will be published in a book by Springer.

Contact: TuTech Innovation GmbH, Gerlinde Löbkens, Postfach 901065, 21050 Hamburg, Germany
(Tel.: +49 40 766 29-6551; Fax: +49 40 766 29-6559) Email: loebkens@tutech.de; internet: www.tutech.de/sedymo