

SEDNET E-NEWSLETTER – JANUARY 2006

Website: www.SedNet.org

Compiled by: Marjan Euser (marjan.euser@tno.nl)

Subscription Service: SedNet Secretariat (marjan.euser@tno.nl)

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Conclusions SedNet Steering Group meeting

On November 22 -23, 2005, the Steering Group of SedNet met in their SedNet homebase in Venice in order to discuss the strategy for 2006. The Steering Group comprises a mix of stakeholders and scientists, representing some major European Ports, environmental and applied research institutions and universities. They agreed on the necessity to put forward and further elaborate the topic on how to integrate sediment management in river basin management plans, which are required by the EU Water Framework Directive.

In addition they emphasized the thematic extension of SedNet to the coastal and marine areas and to sediment quantity issues. Sediment as the link between rivers and seas may become of significance in linking the EU Water Framework Directive and the EU Marine Strategy.

For the discussion of both topics – sediment management in river basin management plans and sediment in the scope of the Marine Strategy – SedNet workshops are planned on **23-24**

November 2006 in Venice. For more information, please monitor the SedNet website (<http://www.sednet.org/>) or contact the SedNet secretariat (Marjan Euser: marjan.euser@tno.nl).

SedNet website

The past three months, since the launch of the new website at November 4, 2005, about 70 new users joined the SedNet community through the website. At the end of January 2006 the total number of users is 196 and this number is growing steadily. About 50 users are frequent visitors of the site.

From the launch the top-3 most downloaded documents are the SedNet booklet (45 times), Sediment and Dredged Material Treatment (37 times) and Sediment management in the context of the EU Water Framework Directive (30 times).

The most popular newflashes from the past months were the SedNet Activities in 2006 (November 28th, viewed 152 times) and Sediment Blues (December 9th, viewed 135 times).

As informed you in our previous newsletter: SedNet would be happy to make your important sediment related events and/or documents (reports, statements, etc., also in non English languages) known and available through the SedNet website, preferably through a link to your own website. This can be done by uploading these events and/or documents yourself through the website or by sending an email to the [secretariat](#) in which you supply (in case of documents):

1. the title of the publication
2. a 3-line summary in English
3. a PDF copy of the document and/or a weblink to that document
4. a brief note/statement in which you indicate that the information, without restrictions, can

be made available through the SedNet website.

We would very much appreciate your suggestions for further improvement of the website and/or your comments if you detect any 'bugs'. Please send these to the SedNet [secretariat](#) and/or use the website functionality for that.

SedNet establishes contact with EurAqua

EurAqua (<http://www.euraqua.org/>) is a European network of Freshwater Research Organisations. The aim of this network is to contribute to the development of European freshwater science and its dissemination on a European scale. Thus it has a significant input on the development of the scientific basis of European water management. The EurAqua Partner institutions are leading, generally governmental, freshwater research institutions in the Member States of the European Union plus Norway and Switzerland. At the moment EurAqua has 20 partner institutes and 1 observer member. The German Federal Institute of Hydrology (BfG) and the Institute for Inland Water Management and Waste Water Treatment in the Netherlands (RIZA) both actively contribute to SedNet and EurAqua. On the initiative of the BfG the SedNet issue will be a topic on the Agenda of the next EurAqua meeting at Budapest in April 2006. The possible co-operation between the two networks, SedNet and EurAqua, could substantially support a comprehensive European water policy, which puts forward the idea of a sustainable sediment management at river basin scale.

A sediment management strategy for the Rhine basin

On demand of The Netherlands and Germany at the beginning of 2005 the International Commission for the Protection of the Rhine (ICPR ; www.iksr.org) set up a new Expert Group. The group - chaired by Martin Keller from the German Federal Institute of Hydrology (BfG), one of the funding partners of SedNet - aims at developing a 'Comprehensive strategy for the sediment management in the Rhine basin'. In May 2005, an international workshop was held on this issue in Bonn, Germany. Jos Brils, the long-time coordinator of SedNet, was invited to the workshop to present the SedNet view on sediment management. The Rhine experts consider the results of the SedNet activities as extremely valuable for their work. The required strategy should support the competent authorities of the Rhine in implementing sediment management in the river basin management plans. These plans are to be developed by 2009. As a first result of the expert group a survey of old contaminated sediments in the Rhine basin will be presented by mid 2006. The surveyed hot spots will be ranked according to their potential risk to erosion.

In the near future SedNet will intensify the contacts to other river basin commissions like those of the Elbe, Oder, and Danube in order to draw their attention to the sediment management issue.

CEDA UK Establish Liaison Group for the Promotion of the Beneficial Use of Dredged Material

Following a successful half-day meeting on Dredged Material as a Resource held in June 2005 at the Institution of Civil Engineers in London, the UK Section of CEDA has formed the CEDA Liaison Group for the Promotion of the Beneficial Use of Dredged Material. The inaugural meeting of the group was held in January 2006 and was attended by representatives of DEFRA, the Environment Agency, Cefas, English Nature, British Waterways and the ports and dredging industries. The integrated CEDA initiative will focus on Regulation, Information, Education and Regionalisation with a view to facilitating the use of dredged material by establishing regional groups of stakeholders. A national committee, who will take a long-term view of opportunities for dredged material use including disposal options that have beneficial impacts on coastal and estuarine sediment balances, will provide guidance to the regional groups. A scoping study has been initiated which will identify the regulatory issues that must be addressed in order to reduce the barriers to dredged material use and the information needs of the regional groups. Further information about the Liaison Group can be obtained from John Land, the CEDA UK Chairman, (johnland@drl.com) or Stacey Faire of Cefas (s.o.faire@cefas.co.uk).

DREDGELINE, the online bibliographical reference database

Much of the knowledge on dredging and dredged material management is contained in "grey" literature such as research reports and proceedings of various conferences. Considering the high cost of research and the benefits in learning from the experiences of others, CEDA, IADC (International Association of Dredging Companies) and VBKO (Dutch Association of

Contractors in Dredging, Shore and Bank Protection) joined forces to develop an on-line bibliographic reference system to be made available to everyone. The purpose of DredgeLine which was issued in 2002 is to improve access to the vast body of knowledge existing worldwide in the fields of dredging and dredged materials management.

DredgeLine currently has some 4000 bibliographic citations, mostly with abstracts of the relevant international literature. It covers a broad range of subjects including dredging equipment and technology; dredging processes; dredged material management and beneficial use; sediment behavior; contaminated sediments; land reclamation; surveying; geotechnical aspects; environmental aspects; regulations, policy, etcetera. DredgeLine also includes hot links to downloadable documents and to the source organization of the documents.

Searching can be done by title, author, periodical title or conference name, abstract, number and by English keywords.

The database is updated continuously. The records are prepared by the Library of the Delft University and Technology. DredgeLine is available to everyone free of charge at : www.dredgeline.net.

If you have books, reports or other publications that you'd like to see included into DredgeLine please send copies to the CEDA Secretariat (Radex Building, Rotterdamseweg 183c, 2629 HD Delft, The Netherlands). The documents will be forwarded to the Library of TUDelft where they will be kept after processing. Please note that the CEDA Secretariat is not in the position to return documents.

The 1st International Ports and the Environment Conference of GreenPort in Antwerp, 22-23 February 2006

Environmental issues are coming to the centre of the port development debate. It is no longer financial and engineering concerns that drive port development. Rather, it is achieving consent to development that is critical. Time delays and increased costs have become a major brake on trade growth.

This is already the case in Europe and North America and will certainly come to the fore elsewhere in the short term.

It is not sufficient for project promoters to try to "steamroller" opposition - or for environmentalists to simply object to new economic realities. Ports can be developed on a responsible environmental basis and considerable experience has been gained at the world level.

On this conference also dredging and its environmental impact will be discussed.

GreenPort 2006 is a forum for the discussion of these issues – it is the first meeting of port developers and specialists and will chart a way forward for the responsible and environmentally-literate development of new port capacity. www.green-port.net

Risk Management Tools for Port Security and Critical Infrastructure NATO Advanced Research Workshop 16–19 March 2006, Venice, Italy

The focus of this ARW is to review the current practices and options for improvement of risk assessment and risk management practices to address the complex challenges of protecting, preventing, and responding to threats that jeopardize security and critical infrastructure at industrial ports. Within an all-hazard framework, the specific focus of the workshop will be on addressing risks of extreme events (hurricanes, earthquakes, etc.), risks associated with industrial operations (dredging, environmental management, occupational safety, and accidents), threats and vulnerability analysis and consequence assessment.

This ARW brings together security experts and scientists from NATO member and partner countries to share their experiences and expertise in risk assessment, industrial port security programs, engineering, maritime shipping, and environmental regulation regarding the state-of-practice and the evolutionary changes that require the development of effective risk management tools that appropriately consider environmental security and sustainability and provide for systematic and transparent decision-making. Methods discussed at the meeting will be incorporated into an "International Risk Management Toolbox" that will be published in the NATO ARW proceedings. NATO partner countries will benefit from the meeting through international interaction and

cooperation along with the development of a reference work containing the most important and useful risk management tools to promote and evaluate environmental security and sustainability.

More info at www.risktrace.com/ports/

Update of the upcoming SEDYMO-conference Hamburg, 26-29 March, 2006

The program for the upcoming International Conference on Sediment Dynamics and Pollutant Mobility in River Basins (26-28 March, 2006) in Hamburg has been updated, dedicating the last day exclusively to the issue of "Sediments in European River Basins". Presentations will cover:

- *Soils and Sediments in the Catchment-Coast Continuum* (W. Salomons)
- *Fluxes and Storage of Sediment in Rivers; Basin- und European-Scale Perspectives* (Ph. Owens)
- *Evaluation of Contaminated Sites Along the Elbe and Rhine River Basins* (S. Heise, U. Förstner)
- *Sediment Risk Assessment: A Matter of Scale* (M. Babut et al.)
- *Sediment dynamics and risk assessment* (S. White)
- *Sediment: The Natural Basis of the Water and Marine Framework Directive* (J. Brils)
- *Biofilms: Their Role in Sediment Dynamics and Pollutant Mobility* (H.-C. Flemming)
- *Hydrodynamics and Contaminant Modelling for Sustainable Sediment Management* (B. Westrich)

Deadline for registration and submission of posters has been prolonged till February 10th for people responding to this newsletter. If you want to make use of this extended deadline, please write "SEDNET" in the commentary line of the registration form. Registration and programme can be accessed at www.tutech.de/sedymo.

Upcoming events organised by members of WODA, the World Organisation of Dredging Associations

[WEDA - Western Dredging Association](#); [CEDA- Central Dredging Association](#) and EADA - Eastern Dredging Association

WEDA's Panama Chapter Annual conference: Dredging in Latin America.

14 - 17 February 2006, Gamboa Rain Forest Resort at the Panama Canal.

Contact: weda@comcast.net

Website: www.westerndredging.org

CHIDA - 2nd International Dredging Congress: Dredging and Sustainable Development.

23 - 24 May 2006 (**New date!**). Guangzhou, China.

Contact: public@chida.org

WEDA XXVI & Texas A&M 37th Annual Dredging Seminar

25 - 28 June, 2006, San Diego California, USA.

Contact: weda@comcast.net

Website: www.westerndredging.org

CEDA African Section: Dredging Days 2006:

Protection of the coastline, dredging sustainable development

1 - 3 November 2006, Morocco

Website: www.ceda-africa.com/flash_info_eng.html

Contact: phone: 00 212 22 95 91 42/02; E-mail: secretariat@ceda-africa.com

WODCON XVIII: Global Dredging - Congress and Exhibition

27 May - 1 June 2007

Wyndham Palace Hotel, Disney World, Orlando, Florida, USA.

Contact: weda@comcast.net

Website: www.westerndredging.org

CEDA Dredging Days 2007. Conference and Exhibition

8-9 November 2007, Ahoy' Rotterdam, the Netherlands. Call for Papers will be issued in the fall of 2006.

Contact: ceda@dredging.org

Other events:

- **February 14-15, 2006**
BOSICON 2006 – International Conference on the Remediation of Polluted Sites, Rome, Italy. Organised by the University of Rome. For further info see the Events section of the SedNet website - pdf of first workshop announcement) or visit <http://w3.uniroma1.it/bosicon/>
- **February 22-23, 2006**
First International Ports and the Environment Conference of GreenPort in Antwerp. For further info visit <http://www.green-port.net/>
- **March 13-16, 2006**
16th Annual West Coast Conference on Soils, Sediments and Water, San Diego, California, USA. Organised by the Association for Environmental Health and Sciences (AEHS). For more info: www.aehs.com
- **March 26-29, 2006**
Symposium on Sediment Dynamics and Pollutant Mobility in River Basins at the Hamburg University of Technology, Germany.
Preliminary programme: www.tu-harburg.de/ut/sedymo
- **May 7-11, 2006**
SETAC Europe 16th Annual Meeting, the Hague, the Netherlands – www.setaceumeeting.org/thehague/
- **July 3–7, 2006**
Dundee, Scotland. International symposium on Sediment dynamics and the hydromorphology of fluvial systems. The conference flyer (pdf format) can be retrieved from the Library section of the [SedNet website](#).
- **November 23-24, 2006**
SedNet workshop in Venice.
- Miscellaneous workshops throughout the year on Environmental Forensics, organised by the International Society of Environmental Forensics. See www.environmentalforensics.org for more info.

SedNet secretariat:

Mrs. Marjan Euser

Deltares / TNO
P.O. Box 342
NL-7300 AH Apeldoorn
The Netherlands

Email marjan.euser@tno.nl