

Thursday 30 September

	Hall 4 (ground floor)	Hall 6 (ground floor)	Hall 8 (1 st floor)
08:30 10:30	SESSION A8: DREDGED MATERIAL MANAGEMENT Chair: Paul J, France	SESSION B4: TRENDS IN DREDGING PRACTICES Chair: Randall R, USA	SESSION C1: DREDGING EQUIPMENT – PART 1 Chair: Ni F, China
08:30	Dredged material management: How to cope with the latest ecological, political and legislative constraints. Bergmann H, Germany	A review of capital and maintenance dredging trends in the UK. Burt T N and Murray L, UK	Efficient dredging with the underwater cutting wheel. Marburg C, Germany
08:50	25 years dredged material policy in Hamburg. Netzband A and Werner G, Germany	Singapore: 40 years of dredging in a sensitive environment. Sun W and Burt T N, UK	Water injection dredging in estuaries characterised by sandy sediments - Experiences in the Weser estuary. Stengel T, Germany
09:10	The United States' National Dredging Team's Dredged Material Management Action Agenda for the next decade. Vogt C, Holiday B, Kim E and Madden M, USA	Keeping on the right side of Old Father Thames: Maintaining safe navigable depths in the Thames Estuary. Costaras M P and Bray R N, UK	Dredging techniques for contaminated sediment. Murota Y, Kurumada Y and Moriya N, Japan
09:30	Management and handling of contaminated sediments in The Netherlands. Laboyrie H P and Hakstege A L, The Netherlands	Evaluation of dredging activities in developing countries - overview of the Brazilian ports. Torres R and Calliari L, Brazil	Controlled submerged deposition of fine grained dredged sediment with various diffuser types. Mastbergen D R, Kesteren W G M van and Loman G J A, The Netherlands
09:50	The perspective of the Dutch-German Exchange (DGE) on sediment/dredged material management in Europe. Koethe H F, Germany and Besten P J den, The Netherlands	Dredging and dredge disposal and reuse in Ireland - a small island perspective. Harrington J R, Sutton S and Lewis A W, Ireland	Removal of a clay layer in a sand and gravel pit covering larger aggregate resources. Boor M O, The Netherlands; Ouwerkerk M R, USA and Toet V L, The Netherlands
10:10	Factors Affecting Disposal and Reuse of Contaminated Dredged Material. Otten M T, USA	The dredging market and environment. Yuan Yumin, China	Dredging and the disposal of fine sediments in a drinking-water lake. Vroege P, Cats M, Stroet R W, Hoofs R T A L and Jeroense M J, The Netherlands
10:30 COFFEE / TEA: Hall 5 (ground floor)			
11:00 12:20	SESSION A9: MODELLING AS A PREDICTION TOOL Chair: Benali A, Morocco	SESSION B5: MEASUREMENT Chair: Bray R N, UK	SESSION C2: dredging EQUIPMENT – PART 2 Chair: Vris G de, The Netherlands
11:00	Water quality evaluation using Hydraulic Dredge Constituent Fate Modeling (HD-CFM), Bayou Rigaud, Louisiana, USA. Russo E and Mathies L, USA	Application of a new international protocol to measurement of sediment release from dredgers. Land J and Burt T N, UK and Otten H, The Netherlands	Efficient dredging: The next generation. Braadbaart J and Mourik M W, The Netherlands
11:20	Research on the effects of a scheme for sediment removal from the typical braided shoal of the middle Yangtze river. Chen Xiao-yun, Gao Kai-chun, Liu Huai-han, Huang Cheng-tao and Lu Ying, China	Real time quantification of relocated sediment using ADCP and OBS measurements. Aardoom J H and Mol J W, The Netherlands	Modern design of double wall dredge pumps. Rother M, Germany and Yousef B, The Netherlands
11:40	Transport, reactions and dynamics of heavy metals in contaminated marine sediments. O Larsen, Denmark	Density versus viscosity - A comparative study of the nautical bottom. Greiser N, Gamnitzer R, Rupp J and Wurpts R, Germany	Study on effectiveness of compressed air mixture conveyance as an assist method for cutter suction dredger Asia Maru No. 3. Iida H, Japan
12:00	Dredging in sensitive environments - Using smart models to manage costs and impacts. Fryar R, Botev I, Koskela R and Lee J, Australia		Simple self-sinking sand bypass system. Noguchi H, Japan
12:20 LUNCH: Hall 5 (ground floor) & Restaurant Kranzler (1st floor)			

To allow delegates to move between technical sessions the timetable will be strictly adhered to.

TECHNICAL SESSIONS

Thursday 30 September

	Hall 4 (ground floor)	Hall 6 (ground floor)	Hall 8 (1 st floor)
14:00 15:40	SESSION A10: REMEDIAL DREDGING Chair: Mohan R, USA	SESSION B6: MANAGING DREDGING PROJECTS Chair: Padman D, Malaysia	SESSION C3: DREDGING EQUIPMENT: PART 3 Chair: Vlasblom W, The Netherlands
14:00	Dredging in environmentally sensitive areas: remediation of the Chemiehaven, a heavily contaminated 'hot spot' in the Port of Rotterdam. Wit P de, The Netherlands	Piloting methodology for the management of maritime dredging operations. Gregoire P, France	Dredging equipment modifications for detection and removal of ordnance. Halkola H, Wild B, Welp T, Pollock C, Dickerson V, Brown L, Helms L, Sugiyama B and Green J, USA
14:20	Environmental dredging operations in The Netherlands : a functional approach. Chemiehaven Rotterdam and the Haringvliet Estuary. Berg N J, The Netherlands	The possible application of Formal Safety Assessment to Dredging Vessel Operations. Mink F J, Belgium	Sand load measurements in trailer suction hopper dredgers for beach and foreshore replenishments. Waard B J F de, The Netherlands
14:40	Remediation strategies for contaminated sediments in The Netherlands. Boer P de and Hakstege A L, The Netherlands	The computer-aided decision-making system for improving the working efficiency of dredgers. Tian junfeng, Gu ming, Liu reixiang and Zhu xiaoming, China	Floating breakwaters increase operating time for offshore beach nourishment dredging alternatives. Randall R and Koo B, USA
15:00	Habitat value considerations for sediment caps. Ludwig D, Barnes C, Garbacia S Jr., Iannuzzi T and Mohan R, USA	Small scale dredging is NOT equivalent with small money. Boodt C, Narold E, Ooms K, Son C van, The Netherlands	On the conceptual design of large Cutter Suction Dredgers; Considerations for making choices. Overhagen J L van, Boor M, Kik A and Kramers C H M, The Netherlands
15:20		Research on sediment dredging for urban eutrophic water body in Nanhu lake I (P.R. China). Zhang Yu-xi, Wang Xiao-yu, Feng Jian and Cui Bao-min, China	Seabed intervention with motion compensated grab. Maliepaard H R and Frumau J C L, The Netherlands
15:40 18:00	Visit SMM 2004		
19:00 23:00	Congress dinner: Hotel Elysee, Christal Room - Rothenbaumchaussee 10 SPONSORED BY: Department of Port and River Engineering, Hamburg /State Ministry for Economic and Labour Affairs, Germany The coach will depart from the Hotel Katolische Academie at 18:30. Return to the hotel at 23:15.		

Please note: The organizers reserve the right to adjust or change the programme as necessary.

To allow delegates to move between technical sessions the timetable will be strictly adhered to.

TECHNICAL SESSIONS