

Topic 1. Risk Assessment

Poster Number	Organisation	Poster Submitter		Poster Title / Authors
		Name	Last name	
1	Golder Associates Ltd. Canada	Dr Peter	CHAPMAN	Transitional Waters Sediment Contamination – Assessment and Management Authors: Peter M. CHAPMAN, Feiyue WANG, Sandra Sofia CAEIRO
2	Wageningen University The Netherlands	Ms Noël	DIEPENS	Sediment Toxicity Testing of Organic Chemicals in the Context of Prospective Risk Assessment Authors: N.J. DIEPENS, G.H.P. ARTS, T.C.M. BROCK, H. SMIDT, P.J. VAN DEN BRINK, M.J. VAN DEN HEUVEL-GREVE, A.A. KOELMANS
3	ECHA	Ms Laurence	DEYDIER	REACH Perspective Under Dossier Evaluation on a Sediment Assessment of a NONS Substance Author: Laurence DEYDIER
4	Exponent United States of America	Dr Anne	FAIRBROTHER	Benthic Invertebrate Exposure and Chronic Toxicity Analysis for CVMS Materials – A Probabilistic Risk Assessment Approach Authors: Anne FAIRBROTHER, Allen BURTON, Steve KAINÉ, Tim SPRINGER, Kent WOODBURN, David POWELL
5	ECHA	Ms Anne-Mari	KARJALAINEN	REACH Regulatory Framework for Sediment Risk Assessment under Dossier Evaluation Authors: Anne-Mari KARJALAINEN, Francesca PELLIZZATO

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<p>6</p>	<p>School of Biological Sciences University of Hong Kong China</p>	<p>Dr Kenneth Mei Yee</p>	<p>LEUNG</p>	<p>Can We Possibly Derive Sediment Quality Guidelines for Chemical Mixtures?</p> <p>Author: Kenneth Mei Yee LEUNG</p>
<p>7</p>	<p>Environ United States of America</p>	<p>Mr Richard</p>	<p>WENNING</p>	<p>Evaluation of a Conceptual Site Model for Sediment Processes and Geochemical Conditions in a Large Industrial Port Facility (Augusta Bay, Sicily, Italy)</p> <p>Authors: Elisa BIZZOTTO, Fabio COLOMBO (ENVIRON Italy), John PEKALA, Richard J. WENNING (ENVIRON USA), Craig JONES (SEA Engineering USA), Luciano ZANINETTA, Riccardo MOZZI (Syndial S.p.A.)</p>
<p>8</p>	<p>Environ United States of America</p>	<p>Mr Richard</p>	<p>WENNING</p>	<p>Characterization of DDT and Mercury Contaminated Sediment in Toce River And Lake Maggiore (Pallanza Bay, Italy)</p> <p>Authors: Elisa BIZZOTTO, Giorgia QUADRI, Sara CECCON; Fabio COLOMBO (ENVIRON Italy), John PEKALA, Richard J WENNING (ENVIRON USA), Luciano ZANINETTA, Riccardo MOZZI (Syndial S.p.A.)</p>

Topic 2. Exposure assessment

Poster Number	Organisation	Poster Submitter		Poster Title
		Name	Last name	
9	EDF France	Dr Philippe	CIFFROY	<p>Bioavailability of Copper in Contaminated Sediments Assessed by a DGT Approach and the Uptake of Copper by the Aquatic Plant <i>Myriophyllum Aquaticum</i></p> <p>Authors: Amélie CAILLAT, Philipp CIFFROY, Matthias GROTE, Jean-Marie GARNIER</p>
10	EDF France	Dr Philippe	CIFFROY	<p>A Probabilistic Multi-Compartmental Model for Interpreting DGT Kinetics in Sediments</p> <p>Authors: Philipp CIFFROY, Y. NIA, Jean-Marie GARNIER</p>
11	Manhattan College United States of America	Dr Kevin	FARLEY	<p>Metal Release from Contaminated Sediments during Resuspension Events</p> <p>Authors: Kevin FARLEY, Patricia T. HEEGLE, Kevin J. RADER, Richard F. CARBONARO</p>
12	Finnish Environment Institute Finland	Dr Matti	LEPPÄNEN	<p>Modeling Pore Water and Benthic Animal Tissue Concentrations in PCB Contaminated Lake Sediments</p> <p>Authors: M.T. LEPPÄNEN, K. MÄENPÄÄ, K. FIGUEIREDO, J.V.K. KUKKONEN, P. MAYER, I. NYBOM, J. AKKANEN, A. KOSTAMO</p>
13	Masaryk University and Deltares Czech Republic and The Netherlands	Mr Foppe	SMEDES	<p>Routes for Exposure Assessment of Hydrophobic Organic Substances in Sediment using Equilibrium Passive Sampling</p> <p>Authors: Foppe SMEDES, Tatsiana P. RUSINA, Kees BOOIJ, Annika JAHNKE, Philipp MAYER</p>

14	ARCHE Belgium	Mr Marnix	VANGHELUWE	The SEM-AVS concept: Can it Fulfil the Promise, a Critical Review Author: Marnix L.U. VANGHELUWE
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Topic 3. Effect assessment

Poster Number	Organisation	Poster Submitter		Poster Title
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15	University of Michigan United States of America	Prof G. Allen	BURTON	Nickel Phase Partitioning, Flux, and Toxicity in Field-Deployed Sediments Authors: G.A. BURTON, D.M. COSTELLO, C.R. HAMMERSCHMIDT, E.C. Rogevich GARMAN, C.E. SCHLEKAT
16	University of Michigan United States of America	Dr David	COSTELLO	Experiments Measuring Copper Bioavailability in Oxidic and Spiked Sediments Authors: D.M. COSTELLO, A.M. HARRISON, G.A. BURTON, C.R. HAMMERSCHMIDT, R.M. MENDONCA
17	U.S. Environmental Protection Agency United States of America	Dr Kay	HO	Using a Novel Sediment Exposure To Determine The Effects Of Triclosan on Estuarine Benthic Communities Authors: Kay T. HO, Anthony CHARITON , Lisa M. PORTIS, Dina PROESTOU, Mark CANTWELL, Jeffrey BAGULEY, Robert M. BURGESS, Stuart SIMPSON, Marguerite C. PELLETIER, Monique PERRON, Claudia GUNSCH, Holly M. BIK, Anthony KAMIKAWA
18	NeoEnBiz Co. Republic of Korea (South Korea)	Dr Jong-Hyeon	LEE	Derivation of Marine and Freshwater Sediment Quality Guideline for Metals in Korea Author: Jong-Hyeon LEE

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19	UFZ - Helmholtz-Zentrum für Umweltforschung GmbH Germany	Dr Matthias	LIESS	Assess Ecological Risks of Toxicants with the UP-DOWN Risk Assessment Approach Author: Matthias LIESS
20	National Oceanic and Atmospheric Admin. Northwest Fisheries Science Centre United States of America	Dr James	MEADOR	The Tissue Residue Approach for Toxicity Assessment (TRA): Potential Application for Contaminated Sediment Authors: J.P. MEADOR, K.G. SAPPINGTON, L.S. McCARTY
21	Laboratory of Environmental Toxicology and Aquatic Ecology Ghent University Belgium	Ms Lien	NGUYEN	Advanced Research on Nickel Toxicity in Sediment: Species, Bioavailability and Toxicity Authors: Lien T.H NGUYEN, Marnix VANGHELUWE, Michiel B. VANDEGEHUCHTE, Jan GARREVOET, Emily R. GARMAN, Chris E. SCHLEKAT, Laszlo VINCZE and Colin R. JANSSEN
22	Roskilde University Denmark	Dr Annemette	PALMQVIST	Minor Changes in Experimental Testing Procedures May Secure Better Data for Improved Future Environmental Risk Modelling Authors: A. PALMQVIST, V.E. FORBES, A. GERGS, H. SELCK, E. VALSAMI-JONES, B. NOWACK
23	ECHA	Ms Francesca	PELLIZZATO	Sediment Risk Assessment: REACH perspective under dossier evaluation Authors: Francesca PELLIZZATO, Anne-Mari KARJALAINEN

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24	Natural Resources Canada Canada	Dr Carrie	RICKWOOD	A Weight-of-Evidence Approach to Investigate the Fate and Effect Of Metals In Sediments Authors: C.J. RICKWOOD, P.H.M HUNTSMAN-MAPILA
25	Roskilde University Denmark	Dr Henriette	SLECK	The Biodynamic Model: A Means to Improve Sediment Bioaccumulation Protocols and A Potentially Regulatory Tool? Authors: Henriette SELCK, Samuel N LUOMA, Marie-Noële CROTEAU
26	EDF France	Ms Magali	SIUTKOWSKI	Monitoring of the Benthos in the Vicinity of EDF Nuclear Power Plants Authors: Magali SIUTKOWSKI and Isabelle JACQUELET
27	Environment Canada Canada	Dr Lisa	TAYLOR	New Sediment Toxicity Test Methods Under Development at Environment Canada Authors: Lisa TAYLOR, Paula JACKMAN, Grant SCHROEDER, Craig BUDAY, and Rick SCROGGINS
28	ARCHE Belgium	Mr Marnix	VANGHELUWE	Development And Application Of Predictive Bioavailability Models To Assess Chronic Toxicity Of Nickel In Freshwater Sediments Authors: Marnix L.U. VANGHELUWE, Frederik A.M. VERDONCK, Christan E. SCHLEKAT and Emily Rogevich GARMAN
29	RIVM. National Institute for Public Health and the Environment The Netherlands	Mr. Eric	VERBRUGGEN	Derivation of Environmental Risk Limits for Polycyclic Aromatic Hydrocarbons (Pahs) Based on Internal Residues Author: Eric VERBRUGGEN