



M³ Workshop Programme

Wednesday, June 16th

8h45 Welcome

Session 1: WFD and monitoring implementation: a critical appraisal		
9h00	G. Harris	Does ecological complexity and uncertainty inevitably lead to doomed Directives?
9h30	M. Babut	Sediment Environmental Quality Standards in application of the Water Framework Directive: a continuing challenge
10h00	P. Johnes	Uncertainties in water quality monitoring data: implications for modelling and management

10h30 Coffee Break

Session 1: WFD and monitoring implementation: a critical appraisal		
11h00	N. Fleischmann	WFD Compliance and Comparability of Monitoring and Management: Is it likely that the WFD ultimately leads to similar protection levels for European Waters?
11h25	N. Voulvoulis	Surface water monitoring for the Water Framework Directive to deliver classifications and facilitate source assessment
11h50	M. Knotters	Model-based vs. design-based sampling strategies for monitoring, with a case study on testing surface water quality against standards
11h15	J. McGovern	Assessment of environmental compliance of water bodies through integration of monitoring and modelling

12h40 Lunch Break

Session 2: Monitoring surface water ecology & investigating impairment		
13h30	P. von der Ohe	The use of the SPEAR index to link ecological status to chemical pollution
14h00	A Davey	Biological monitoring and classification in the face of uncertainty: challenges, progress and prospects
14h25	C. Schöpfer	Comparison of the stocktaking and initial monitoring of the ecological status under the WFD with the results of a detailed survey, on the example of a brook system within the large-scale nature conservation project Obere Ahr-Hocheifel (Ahrweiler district)
14h50	R. Carafa	Water toxicity assessment in Catalan rivers (NE Spain) using Species Sensitivity Distribution and Artificial Neural Networks

15h15 Coffee Break

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Hoogheemraadschap van Delfland



Session 3: Monitoring and evaluation of the immission situation in surface waters- chemical water quality		
15h45	M. Stutter	Understanding and managing the range of phosphorus forms contributing to eutrophication
16h15	N. Howden	The value and importance of long-term water quality monitoring
16h40	M. Rode	How to use new online monitoring techniques to improve water quality modelling at the catchment scale
17h05	J.C. Rozemeier	Dynamics in groundwater and surface water quality; Improving load estimates by characterizing the concentration response to rainfall events

17h30 End of first day

20h30 Dinner

Thursday, June 17th

Session 4: Monitoring and evaluation of emissions in catchment- pollutant source characterization		
8h30	S. De Rijk	Characterization and quantification of emission sources in river catchments; possibilities for international harmonization
9h00	H. Sonnenberg	Online monitoring for evaluation of CSO impact on surface water
9h25	B. Heinzmann	A Comprehensive Measurement Campaign to Characterize Combined Sewage and Combined Sewer Overflows in a Rehabilitated Drainage Area in Berlin
9h50	M. Bayerle	Pesticide and pharmaceutical emission profiles from WWTPs: Monitoring with passive and auto-samplers

10h15 Coffee Break

Session 5: Sediment monitoring-budgets contamination & ecotoxicology		
10h45	W. Ahlf	Sediment Monitoring for Ecological Quality
11h15	R. Flück	Sediment quality assessment: review and discussion of the current methods
11h40	C. Durand	Coupling geochemical and biological approaches to assess the availability of cadmium in a natural sediment
12h05	L. Osté	How to Assess Sediments without Sediment Environmental Quality Standards?

12h30 Lunch

13h30 Round table with invited speakers and EU-Commission representative:
Lessons learned from monitoring implementation process and methodological deficits

14 h 30 End of the workshop

Posters

- M.H. Devier Passive samplers for chemical substance monitoring and associated toxicity assessment in water
- L. Marziali New tools for the improvement of ecological quality in South European rivers and lakes: integrating local hydro-morphological and habitat features into WFD RBMPs
- E. Ozbayrak Decision support systems for Abdal river basin at the mid-Black Sea coast of Turkey
- G. Roskam Quantification and tracing of water bodies: use of REE in investigative monitoring
- G. Roskam Investigative monitoring to determine the origin of the exceedance of Ni in surface water
- S. Pelkner Event-based Water Sampling via "Level Indicator" for Consideration of Chemographs originating from Urban Areas
- T. Murk WIPE: Waterharmonica, Improving Purification Efficiency Optimizing constructed wetlands for the purification of treated waste water
- T. Gallé Particulate phase transport of metals in rivers: Limits of accuracy and precision of whole water measurement methods
- T. Gallé River load estimations for substance fluxes analysis: accuracy of estimation methods in dynamic situations
- T. Gallé Event-based substance flow quantification allows for quantitative source identification in river immission monitoring.
- E. Christoffels Monitoring of Diffuse Pollution from Surface and Subsurface Runoff: Example of the Swist River Basin (I + II)