Tentative agenda – October 5, 2017

Managing multiple stress for multiple benefits in aquatic ecosystems:
Final conference of the EU research project MARS

Museum of Natural Sciences, 16. - 17. January 2018

SCIENTIFIC EVENT (January 16)

Forenoon session: *Summary of MARS results*

Chair: Anne Lyche Solheim (NIVA, *NO*)

Time	Theme	Speaker(s)
09:00-09:30	*Introductory keynote:* Complex to understand, but simple to manage: The role of multiple stressors for assessing and restoring Europe's waters	Daniel Hering (*UDE*, DE)
09:30-10:20	Multiple stressors at water body scale: the MARS experimental studies – *incl. short presentations on selected key outcomes*	Erik Jeppesen (*AU*, DK) & Stefan Schmutz (*BOKU*, AT) *and collaborators*
10:20-10:50	*Coffee break*	
10:50-11:40	Multiple stressors at the river basin scale: the 16 case-study catchments – *incl. short presentations on selected key outcomes*	Teresa Ferreira (*ULisboa*, PT) *and collaborators*
11:40-12:30	Multiple stressors at the European scale: discovering patterns across the continent – *incl. short presentations on selected key outcomes*	Ana Cristina Cardoso (*JRC*, EC) & Yiannis Panagopoulos (*NTUA*, GR) *and collaborators*
12:30-14:00	*Lunch break*	

Afternoon session: *Synthesis and outlook*

Chair: Rafaela Schinegger (BOKU, *AT*)

Time	Theme	Speaker(s)
14:00-14:20	Synthesis: Stressors, scenarios and water management	Bryan Spears (*CEH*, UK)
14:20-14:40	Scenarios and models: The science behind the MARS tools	Markus Venohr (*IGB*, DE) & Christian Feld (*UDE*, DE)
14:40-15:00	What did we learn from MARS? Key findings of the project	Sebastian Birk (*UDE*, DE)
15:00-15:20	MARS and multiple stressors: what next for freshwater research and management?	Steve Ormerod (*CU*, UK)
15:20-15:40	Multiple stressors: the need for generality in a context-dependent world	Ian Donohue (*TCD*, IE)
15:40-16:20	*Coffee break*	
16:20-17:30	Plenary discussion: *Applied aquatic multi-stressor research: What can we recommend to river basin management?*	All speakers

Evening (18:00 onwards): *Joint dinner on the museum's balcony*

MANAGEMENT & POLICY EVENT (January 17)

Forenoon session: The *operational level – MARS outcomes relevant for river basin management*

Chair: Sebastian Birk (*UDE*, DE)

Time	Theme	Speaker(s)
09:00-09:30	*Introductory keynote:* The results of MARS and its implications for the water management and research agendas	Daniel Hering (*UDE*, DE)
09:30-10:00	The MARS Guidance: how to deal with multi-stressors in river basin management?	Anne Lyche Solheim (*NIVA*, NO) & Rafaela Schinegger (*BOKU*, AT)
10:00-10:30	The suite of MARS tools in support of river basin management	Markus Venohr (*IGB*, DE) & Tom Buijse (*DELTARES*, NL)
10:30-11:00	*Coffee break*	
11:00-11:30	Diagnosing the causes of ecological status degradation in the face of multiple stressors	Christian Feld (*UDE*, DE)
11:30-12:00	Integrating ecosystem services into river basin management	Bruna Grizzetti (*JRC*, IT)
12:00-12:30	Key-recommendations for river basin management under water scarcity and toxic stressors (contributions of the projects GLOBAQUA and SOLUTIONS)	Damia Barcelo (ES) & N.N.
12:30-14:00	*Lunch break*	

Afternoon session: *The policy level – implementing the WFD*

Chair: Lidija Globevnik (*UL*, SI)

Time	Theme	Speaker(s)
14:00-14:20	Reflections on the 2nd river basin management cycle	Lourdes Alvarellos (*EC*) [tbc]
14:20-14:40	The Future of Water Management in Europe: Outcomes of the MARS e-Conference reviewing WFD implementation	Laurence Carvalho (*CEH*, UK)
14:40-15:00	Options for improved WFD implementation using instruments of the current and future CAP	N.N. [tbc]
15:00-15:20	Understanding multiple pressures and effects on environmental status to support management under the Marine Strategy Framework Directive	Angel Borja (*AZTI*, ES)
15:20-15:40	How to improve River Basin Management using synergies of various policies?	Kristy Blackstock (*JHI*, UK)
15:40-16:00	Towards an integrative water resource management in a bio-economy context	Per Stålnacke (*NIBIO*, NO)
16:00-16:30	*Coffee break*	
16:30-17:30	Plenary discussion: *Managing multiple stress for multiple benefits in aquatic ecosystems within the food-energy-water nexus*	All speakers
17:30-17:45	Closing remarks	Daniel Hering (*UDE*, DE)