



WssTP Task-Force 'Managed Aquifer Recharge'

1st Workshop, 29. – 30. June 2009, Graz, Austria

Background and Aim of the Task Force MAR

Within different pilot programmes of the EU Water Supply and Sanitation Technology Platform (WssTP) research needs have been identified in the field of Managed Aquifer Recharge. For this reason a task force MAR has been initiated with the following objectives:

- 1) to complement the review on Managed Aquifer Recharge prepared within the WssTP "Urban Pilot" and "Coastal Zones"
- 2) to identify ONE R&D project proposal to launch at European scale on Managed Aquifer Recharge

Programme

(Workshop venue: "Zum Goldenen Hirschen",
Kahngasse 22, 8045 Graz-Andritz)

Monday 29th June 2009		
12:30	Lunch Restaurant "Zum Goldenen Hirschen" (Kahngasse 22, 8045 Graz-Andritz)	
13:00	Session 0: Introduction <i>H. Schmölzer, H. Zojer, G. Grützmacher</i> Welcome, Round of Table, Agenda WSSTP – structure and objectives; MAR Task Force	
14:15	Session 1: Current and past large-scale research projects on MAR <i>C. Kazner "Urban areas"</i> - ART-Demo (B. Jensen, DK) - RECLAIM-water (C. Kazner, D) - NASRI, TECHNEAU (T. Taute., D) - GABARDINE (B. Rusteberg, D) - MAR research activities Cetaqua (O. Gibert, E) - MAR research at UPC (L. Candela) - MAR activities Deltares (N. Hartog, NL)	Presentations (10', 10 slides) & discussion (5') - Background - Main outcomes - Identified research needs
15:45	Coffee break	
16:00	Session 2: Applications of MAR, current issues <i>A. Kneppers "Coastal Zones"</i> - GWA Graz (H. Kupfersberger, A) - Schlumberger projects (A. Kneppers, F) - AMPHOS ²¹ projects (J. Molinero, E) - IGME projects (J.A. de la Orden) - DHI-Wasy projects (B. Monninkhoff, D), - Bydgoszcz (M. Boron, POL)	Presentations (10', 10 slides) & discussion (5') - Background (Why was / is MAR implemented?) - Technical description (How is MAR implemented?) - Benefits and drawbacks - Issues to be further investigated

	- Berlin - BWB (G. Grützmaker, D) - Mekorot (H. Cikurel, ISR)	
18:00	Conclusions, Outlook <i>G. Grützmaker</i>	
18:15	Departure for dinner "Altes Herrenhaus" vineyards of "Styrian Toskana" (sponsored by Waterpool)	

Tuesday, 30th June 2009		
9:00	Summary of Monday's presentations <i>G. Grützmaker</i>	
9:15	Discussion on identified research needs and development of an idea for one research proposal <i>C. Kazner, G. Grützmaker</i>	
11:00	Coffee break	
11:30	Summary of the discussion, agreement on action plan until Sept. 09 <i>G. Grützmaker</i>	
12:30	Lunch (sponsored by Graz AG)	
14:00	Technical tour of the facilities and installations of groundwater recharge at Graz water supply <i>H. Schmölzer, H. Kupfersberger</i>	
16:00	End of workshop	

Hotel recommendations:

Hotel Players (*near to workshop venue*)
Weinzöttlstraße 6
8045 Graz
Tel. 0043 316 672926
sporthotel.players@utanet.at

Hotel Gollner (*city center*)
Schlögelgasse 14
8010 Graz
Tel. 0043 316 822521
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Contact "Managed Aquifer Recharge" Task Force and Graz Workshop

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Sponsored by:



Preliminary list of participants:

Name		Institution	Country
Ladislav	Bartos	Veolia	Czech Republic
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Haim	Chicurel	Mekorot	Israel
Jose Antonio	de la Orden	Geological Survey	Spain
Heinrich	Gernedel	Salzburg-AG	Austria
Oriol	Gibert	Cetaqua	Spain
Gesche	Gruetzmacher	KWB	Germany
Niels	Hartog	Deltares	The Netherlands
Bjørn Kaare	Jensen	GEUS	Denmark
Christian	Kazner	RWTH Aachen	Germany
Angeline	Kneppers	Schlumberger	France
Hans	Kupfersberger	Johanneum Research Institut	Austria
Jorge	Molinero	AMPHOS ²¹	Spain
Bertram	Monninkhoff	DHI-Wasy	Germany
Helmut	Nickl	Graz AG Wasser	Austria
Asaf	Pekdeger	FU Berlin	Germany
Gerhard	Probst	Kompetenznetzwerk Wasserressourcen	Austria
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Thomas	Taute	FU Berlin	Germany
Gloria	Teijón	UPC	Spain
Klaus-Peter	Weinbauer	Graz AG Wasser	Austria
Thomas	Wintgens	University of Basel	Switzerland
Hans	Zojer	Johanneum Research Institut	Austria