

International Association of Hydrogeologists Commission on Managing Aquifer Recharge

MAR to MAR-k€t Working Group

Memory of activities during 2018



The working group aims to identify and communicate effectively with a much wider range of water users and water managers to explain MAR and its benefits than are normally exposed to IAH. This involves engaging with: Agro-industry, Water supply industry, Waste water treatment plants (SAT), Desalination companies, Bottled water companies, Golf courses, Public administration, Balnearies & spas (sallus per aquam), Hotels and tourist facilities.

Main web-site: www.dina-mar.es/

Mirror site connected to EIP Water Action Group 128 (MAR-solutions): https://www.eip-water.eu/MAR_Solutions

By Enrique Fernández Escalante February 2019

Hydrogeology Journal

On 7 September 2018 HJ published a paper developed by an IAH-MAR working group *60 years history of MAR* of 31 members led by Peter Dillon and Pieter Stuyfzand. This global summary entitled *Sixty Years of Global Progress in Managed Aquifer Recharge* was published on line in the Hydrogeology Journal as an open access paper along with supplementary material- national summaries for 16 countries, and pictures and descriptions of MAR examples, supported by UNESCO as a contribution to IHP VIII. <u>https://doi.org/10.1007/s10040-018-1841-z</u>

IAH-MAR Plenary was held at IAH Congress, Daejeon, Sept 2018

With 22 attendees from 10 countries. Notes of this meeting are at https://recharge.iah.org/files/2018/10/IAH-MAR-plenary-Daejeon-10sep18-notes-AR.pdf The presentation of MtoM exposed slides about the contribution from the Peruvian and North of Mexico colleagues, and the Pan-European network or constellation of European supported projects on MAR where MtoM is included.

Summary of the presentations:

WG 6. MAR to MARket – Enrique Fernández Escalante

This working group is the global channel for an Action Group under the European Innovation Partnership (EIP) named: "Strategies and actions to bring managed aquifer recharge technique to industry (MAR(solutions) to MARket)". This hyperactive group in association with MAR-SOL EU project (that concluded in 2017) has:

- A MAR book repository of 75 books <u>http://www.dina-</u> mar.es/post/2016/12/29/ACTUALIZACION-DIC-2016-Libros-sobre-la-tecnica-MAR-(repositorio)-MAR-books-repository.aspx
- Published all outputs of MARSOL project, accessible at: <u>http://www.marsol.eu/35-0-</u> <u>Results.html</u>
- A linked-in network of 279 people https://www.linkedin.com/groups/4690290
- More information at : <u>www.dina-mar.es/</u> or <u>https://recharge.iah.org/mar-to-market</u>



...M.A.R. IS STILL ORGANIZED (SOMEHOW) IN EUROPE

ISMAR 10 preliminar stage

Enrique Fernández Escalante and committees are working hard to prepare for ISMAR10 in Madrid 20-24 May 2019. A record 250 abstracts were received by 30 Nov 2018, 6 short courses and 2 workshops are on offer, several keynotes have been selected and registrations are open at the website. <u>https://www.ismar10.net/en/ismar10-3/</u>



MtoM. Some more related documents:

1-MARTOMARKET-proposal summary <u>1-MARTOMARKET-proposal.pdf (1,77 mb)</u>

2-MARTOMARKET-branches 2-MARTOMARKET-branches.pdf (1,18 mb)

3-Dissemination, technology transfer and environmental education criteria applied to hydrogeology, and specially, to managed aquifer recharge: proposal for a strategy to introduce these techniques to the population, and some examples for Spain. *Environ Earth Sci* 70, 2009–2031 (2013). https://doi.org/10.1007/s12665-013-2711-6

More information in the websites:

https://www.marsolut-itn.eu,

https://recharge.iah.org,

https://www.ismar10.net/;

https://www.eip-water.eu/MAR_Solutions

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