



## **IAH Commission on Managing Aquifer Recharge**

**IAH-MAR Commission Plenary IAH Congress Málaga, Spain**

**Thursday 26 Sept in time slot set aside for meetings of IAH Commissions**

**18:00 to 19:30 h (Room 2.2)**

### **Agenda:**

1. Welcome and Introductions
2. Objectives of the Commission – Enrique Fdez. Escalante
3. Summary of outcomes from ISMAR 10 and imminent publications meeting
4. Progress reports and plans of Working Groups (PPTs).  
Possible proposals for a new W.G.
5. ISMAR 11 Announcement and invitation (video)
6. Information Sharing
  1. New and *on going* Projects on MAR.
7. Suggestions for new activities.
8. Volunteers to participate in existing and new activities – anyone e.g. meeting at EIP conference in Zaragoza, Spain, 2019 December.
9. Information sharing on MAR (not covered elsewhere) - anyone
10. Q&A

### Attendees included:

Huw Williams, Niels Hartog, Jose Paulo Monteiro, Gisele Kimura, Ester Vilanova, Zsóka Szabó, Judit Mádl-Slóny, Didier Penequin, Gabriel de los Cobos, Maike Groeschke, Dave Kreamer, Neno Kukuric, Adriana Palma, Tim Parker, Enrique Fdez. Escalante (15 attendees from 12 countries).

Apologies: Peter Dillon, Rachida Bouhlila, Victor Heilweil, Jordi Guimerá, Arnaud Sterckx.

### **Notes of meeting:**

#### **1. Welcome and Introductions**

Enrique welcomed all to the meeting. He informed of the new co-chairs' names and explained that Peter Dillon, soul of this group since 2001 (at least) has stepped down



recently and expressed the gratitude of the whole Group for him and Weiping Wang for so many years of hard work.

Six people had not attended the previous plenary held during ISMAR 10. Their contributions were really fresh.

Mr. Dave Kreamer, as member of the IAH board in charge of commissions was particularly informed of some specific details of this Group.

## **2. Objectives of the Commission**

The Commission was established in 2001 by IAH with the encouragement of UNESCO IHP, and has subsequently been periodically reviewed and renewed. Enrique exposed some slides with the main objectives of the association. The presentation will be attached to this minute in our principal website: [recharge.iah.org](http://recharge.iah.org)

## **3. Summary of outcomes from ISMAR 10 and imminent publications meeting**

After ISMAR 10 new materials have been released. Connecting to ISMAR10.net, results section, were exposed the videos TED-talk shaped already available on the Internet, P-ISMAR 10 posters book, three articles in the Journal Water are already published, it was reminded the way to download the whole presentations from the conference, etc. The proceedings book was announced will be released by November. Also the imminent UNESCO book on MAR worldwide cases was mentioned as a next MAR publication.

The repository containing over 85 books on MAR available to be downloaded for [dina-mar.es](http://dina-mar.es) website was also informed, especially for the new attendants.

## **4. Progress reports and plans of Working Groups**

Due to the absence of most of the WG leaders, it was only reminded those already existing, exposing on the website how to contact them.

A 5 slide presentation sent by The Global MAR Inventory Group leaders was exposed, inviting to contribute in the important inventory on MAR experiences that they are developing for the whole world. IGRAC is taking responsibility to upload information provided by site owners or operators who use its template. Neno K. made a call for participation.

### ***Possible proposals for a new W.G.***



Niels Hartog from KWR exposed his intention to submit a proposal to begin a new working Group called “*Urban MAR*”, idea which was really welcomed by all the attendees.

## **5. ISMAR 11 Announcement and invitation (video)**

Tim Parker invited all to attend ISMAR 11 in long Beach, California, USA during 2022 Easter. He also exposed an invitation video of 5 minute duration.

## **6. Information Sharing**

### ***New and on going projects on MAR***

Jose Paulo Monteiro exposed the imminent take off of MARSolut project (ETN, H2020) with a first training workshop in Madrid from November 6<sup>th</sup> to 8<sup>th</sup>. This project will allow counting on 12 European Doctors on MAR in 3-4 years.

Judit Mádl-Slóny exposed the topic of the PhD that Zsóka Szabó is performing about RBH in Hungary and its framework.

Niels Hartog exposed the state of two MAR projects coordinated by KWR in the Netherlands, providing links: <http://www.subsol.org/> and <https://www.urbanwaterbuffer.nl/>. Those interested, please, contact him directly: Niels.Hartog@kwrwater.nl.

Ester Vilanova briefly described some results of the already finished DEMOWARE project with a demo site at Port de la Selva (Spain) and some initial efforts in the design of injection wells.

Didier Penequin also exposed the new lines of action regarding MAR in BRGM. So did Gabriel de los Cobos for Genève too.

## **7. Suggestions for new activities**

Adriana Palma informed that the paper-work for the future Latin-MAR network is on-going and will be presented shortly. She was informed “network” is a term used in another sense within IAH and possibly will be recommended a different terminology so as to differentiate the MAR Networks and the IAH Networks. Some paper-work will be necessary.

Enrique informed of the contact with Tibor Stigter, chair of the commission on Climate Change. There have been some conversations before the meeting seeking a closer position of both commissions and the future preparation of activities together.



## **8. Volunteers to participate in existing and new activities – anyone e.g. meeting at EIP conference in Zaragoza, Spain, 2019 December**

Enrique F. exposed a “*whole day on MAR*” in EIP Water conference, Zaragoza, Spain, December 11<sup>th</sup> 2019, related to MARSolut project and MAR to MAR-k€t AG, inviting to propose some presentation regarding MAR and climate change to all attendants or close potential interested persons, with a direct request to BRGM due to it is a usual line of action of theirs.

Judit Mádl-Slóny exposed the "International Symposium on Geofluids" to be held in Budapest, Hungary, on 8-10 July, 2020, inviting for participation. For more information, please, contact her: [szjudit@ludens.elte.hu](mailto:szjudit@ludens.elte.hu).

## **9. Information sharing on MAR (not covered elsewhere)**

Dave Kreamer congratulated the Group and kindly informed we can contact him with any WG-related issues or purposes, as he is the IAH Vice President responsible for Commissions.

Maike Groeschke explained the role she is playing on MAR in cooperation projects from Germany, introducing her group and exposing her willingness to participate in future activities.

This willingness was also exposed by some of the present MAR Commission members (Gisele Kimura, at least) and those nicely attending a plenary for first time (Huw Williams).

## **10. Q&A**

Enrique thanked all for attendance in a very positive and intense meeting, remembering the group behave as a family, and in case anyone does not feel comfortable, the main target is not being achieved.

He mentioned that the next plenary will be announced by new co-chairs in due time, and probably it will take place during IAH 47 Conference in Sao Paulo, Brazil in 2020.

At 19:30 h the Plenary finished.