

Dear Ladies and Gentlemen, dear MAR family, good day!

Please, have a look on these MAR news for 2023 June

## IAH MAR Commission Newsletter. 2023 June

### INDEX:

- 11st International Symposium on Managed Aquifer Recharge. Materials
- Managed Aquifer Recharge. A key to sustainability. Journal Water special issue. Final chance to submit!
- Managed Aquifer Recharge in Mining: A Review
- UNESCO unveils the key takeaways from the UN-Water Summit on Groundwater
- UN World Water Development Report 2023. Partnerships and cooperation for water
- Libro Recarga de Acuíferos Gestionada (in Spanish, summary in English)
- 50th IAH congress. Cape Town, South Africa. September 18th to 22nd. Confirmed: IAH 50 will have a MAR specific session
- 2023 SGMA Implementation Summit and Workshop. Wed, Jun. 7 - Thu, Jun. 8, 2023, Sacramento, USA
- International RBF Conference, Dresden, 16-18 October 2023. Abstract deadline extended.
- Second International Conference on “Water Resources Management and Sustainability: Solutions for Arid Regions”, 26-28 February 2024, Dubai, United Arab Emirates
- Life of Mine – Maintaining Sustainability Through Geoscience online Symposium, May 15, 17, 18, 22, 24
- Risorse idriche e siccità del 29/06/2023 a Torino (In Italian)
- 5 International Summer School on Managed Aquifer Recharge, MARISS, from 3 July to 14 July 2023
- Wetlands as Nature Based Solutions (in Spanish)
- IAH Colombian chapter organized a conference on MAR
- IAH Chile chapter organizes a brief presentation on MAR (in Spanish)
- In memoriam
- Positions for “MARers” recently published.
- New SAT-MAR implementation in Spain. RETEMA magazine (in Spanish)
- Whatsapp group on Aquifer Recharge Management
- Previous IAH-MAR Newsletters
- IAH-MAR Commission on Twitter
- IAH-MAR Commission’s sister Web sites
- IAH MAR Commission Forum

Important to note: We miss too many news, specially from Asia

## MAR PUBLICATIONS

### 11<sup>st</sup> International Symposium on Managed Aquifer Recharge. Materials

ISMAR 11 program <https://recharge.iah.org/files/2022/08/ISMAR-Draft-Program.pdf>

ISMAR-11 onsite-guide [https://recharge.iah.org/files/2022/08/ISMAR-11-onsite-guide\\_c.pdf](https://recharge.iah.org/files/2022/08/ISMAR-11-onsite-guide_c.pdf)

ISMAR 11 abstract book (160 pg.) <https://recharge.iah.org/files/2022/09/ISMAR11-abstracts-book.pdf>

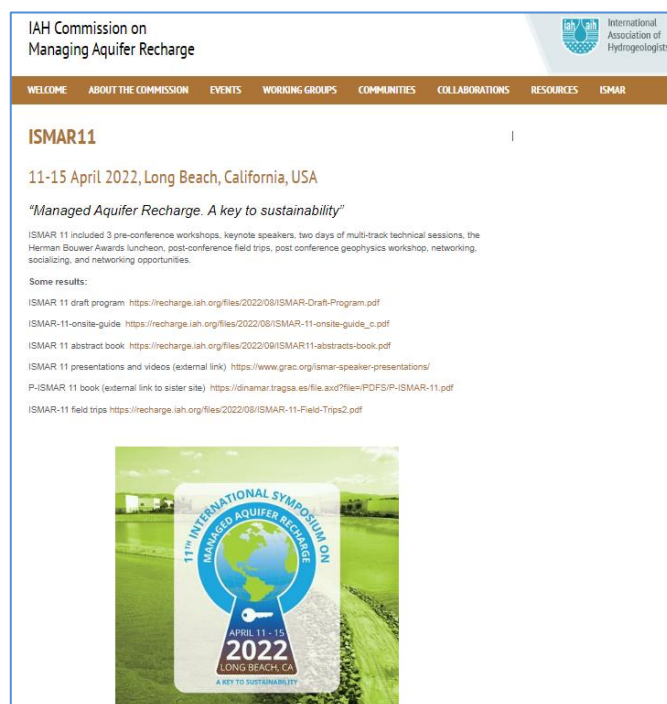
ISMAR 11 presentations and videos (external link) <https://www.grac.org/ismar-speaker-presentations/>

P-ISMAR 11 mini-book (external link to DINAMAR, IAH-MAR's sister site) <https://dinamar.tragsa.es/file.axd?file=/PDFS/P-ISMAR-11.pdf>

ISMAR-11 field trips <https://recharge.iah.org/files/2022/08/ISMAR-11-Field-Trips2.pdf>

This is the last bulletin these materials are announced. Links available at:

<https://recharge.iah.org/ismar/ismar11>



The screenshot shows the website for the 11th International Symposium on Managed Aquifer Recharge (ISMAR11). The page header includes the IAH Commission on Managing Aquifer Recharge logo and navigation links: WELCOME, ABOUT THE COMMISSION, EVENTS, WORKING GROUPS, COMMUNITIES, COLLABORATIONS, RESOURCES, and ISMAR. The main content area features the title "ISMAR11" and the dates "11-15 April 2022, Long Beach, California, USA". Below this is the theme: "Managed Aquifer Recharge. A key to sustainability". A brief description of the event follows, mentioning pre-conference workshops, keynote speakers, technical sessions, and awards. A "Some results:" section lists several links to program documents, the onsite guide, the abstract book, presentations, a mini-book, and field trips. At the bottom of the page is a promotional image for the symposium, featuring a globe and the text "11th INTERNATIONAL SYMPOSIUM ON MANAGED AQUIFER RECHARGE APRIL 11 - 15 2022 LONG BEACH, CA A KEY TO SUSTAINABILITY".

**Managed Aquifer Recharge. A key to sustainability. Journal Water special issue. Final chance to submit!**

Selected papers on MAR, specially presented at ISMAR 11, are published in this Special Issue of the open-access Journal WATER.

**EVERYONE IS INVITED TO SUBMIT! Editors will respect APCs discount (50%) until June 30<sup>th</sup>.**

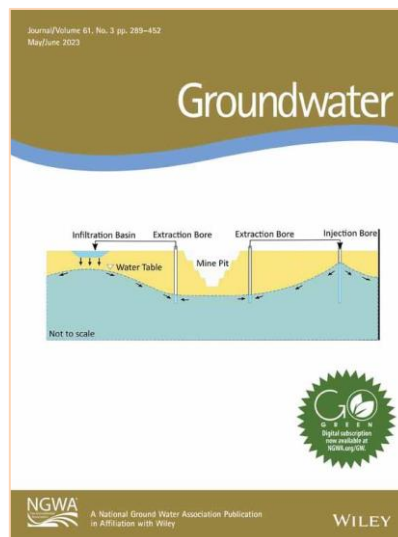
Seven papers have already been published, two more have been received, and two more are expected.



Please, consider publishing your work in this special issue, and please, hurry up!  
[https://www.mdpi.com/journal/water/special\\_issues/Aquifer\\_Recharge](https://www.mdpi.com/journal/water/special_issues/Aquifer_Recharge).

## Managed Aquifer Recharge in Mining: A Review

Managed aquifer recharge (MAR) has been gaining adoption within the mining industry for managing surplus water volumes and reducing the groundwater impacts of dewatering. This paper reviews MAR for mining and includes an inventory of 27 mines using or considering MAR for current or future operations...



Read more and download:

<https://ngwa.onlinelibrary.wiley.com/doi/10.1111/gwat.13311>

## NEW MAR-RELATED PUBLICATIONS

### UNESCO unveils the key takeaways from the UN-Water Summit on Groundwater

*The first-ever UN-Water Summit on Groundwater was held from on 6-8 December 2022, at UNESCO Headquarters in Paris, France. The summit marked the culmination of a year-long global campaign for groundwater, with both World Water Day 2022 and the World Water Development Report 2022 dedicated to this vital resource.*

*The Summit placed the spotlight on groundwater at the highest international and political level. With guidance from the Sustainable Development Goal 6 (SDG 6) Global*

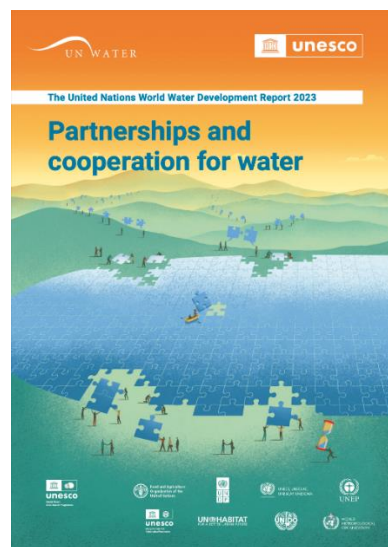
*Acceleration Framework, the summit facilitated crucial partnerships and identified actions toward a more responsible and sustainable use and protection of this vital natural resource.*



Visit and download: <https://www.unesco.org/en/articles/unesco-unveils-key-takeaways-un-water-summit-groundwater>  
<https://unesdoc.unesco.org/ark:/48223/pf0000385296>

## UN World Water Development Report 2023. Partnerships and cooperation for water

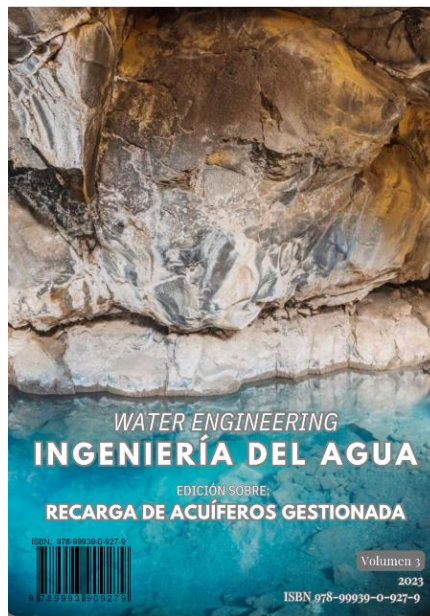
Safeguarding water, food and energy security through sustainable water management, providing water supply and sanitation services to all, supporting human health and livelihoods, mitigating the impacts of climate change and extreme events, and sustaining and restoring ecosystems and the valuable services they provide, are all pieces of a great and complex puzzle. Only through partnerships and cooperation can the pieces come together. And everyone has a role to play...



Book Access: <https://www.unwater.org/publications/un-world-water-development-report-2023>

## **Libro Recarga de Acuíferos Gestionada (in Spanish, summary in English)**

Managed aquifer recharge is a fundamental part of the solutions to ensure the sustainability of water resources and access to water in cities, towns, villages, and hamlets. To carry out this recharge properly, various technical factors must be taken into account...



More info:

[https://www.researchgate.net/publication/371286762\\_Libro\\_Recarga\\_de\\_Acuiferos\\_Gestionada#fullTextFileContent](https://www.researchgate.net/publication/371286762_Libro_Recarga_de_Acuiferos_Gestionada#fullTextFileContent)

Thank you Wener Ochoa (Guatemala) for reporting.

## **MAR AND MAR-RELATED CONFERENCES AND SEMINARS**

### **50<sup>th</sup> IAH congress. Cape Town, South Africa. September 18<sup>th</sup> to 22<sup>nd</sup> Confirmed: IAH 50 will have a MAR specific session**

Under the title "Groundwater: A Matter of Scale" the next IAH Congress will take place in Cape Town, South Africa, in September, 18-22.

Daniela Benedicto and Kevin Pietersen will chair the MAR session. 12 specific abstracts on MAR have been received, and some more MAR-related. Chairs are trying to accommodate all of them. Chairs will decide shortly whether an IAH-MAR plenary will be hosted, thanks to the presence of confirmed first row "MARers" in the Conference.





More info: <https://iah2023.org.za/>

Visit the last conference's newsletter : [https://iah2023.org.za/wp-content/uploads/2021/11/IAH\\_Conference\\_Newsletter\\_No3.pdf](https://iah2023.org.za/wp-content/uploads/2021/11/IAH_Conference_Newsletter_No3.pdf)

**ISMAR 12, our next official IAH-MAR Commission main meeting, will be duly announced in IAH 50.**

## **2023 SGMA Implementation Summit and Workshop. Wed, Jun. 7 - Thu, Jun. 8, 2023, Sacramento, USA**

The 2023 SGMA Implementation Summit and Workshop has finished successfully.

This is a once-a-year GSA and communities of interest get-together to foster progress on SGMA implementation, collaborating with ACWA members and implementers and GRA technical experts. <https://www.grac.org/events/477/>

We'll announce whether materials are published by the organizers in the next newsletter.



For more information, reach out to: [Lisa Porta, P.E.](#) or [Adam Hutchinson, PG, CHG](#)

Learn more about it in our Winter Edition of HydroVisions found here: <https://lnkd.in/gsqW9yH9>

## International RBF Conference, Dresden, 16-18 October 2023. Abstract deadline extended.

Bank filtration / riverbank filtration (BF/RBF) is an element of managed aquifer recharge and has been used by riverside communities for many decades as a natural water treatment process. RBF forms part of a multi-barrier approach to drinking water supply at numerous sites. With a growing and conscious use worldwide...

Cornelius Shandu has reported an extension to the abstracts deadline for the RBF conference in Dresden...



**International RBF Conference in Dresden, Germany –  
New abstract submission date is 31 July 2023!**

Bank filtration / riverbank filtration (BF/RBF) is an element of managed aquifer recharge and has been used by riverside communities for many decades as a natural water treatment process. With a growing and conscious use worldwide, RBF will become more important to safeguard future water supplies for drinking, irrigation and industries. The conference marks the return of a platform after two decades to showcase worldwide operational experience and research and to increase the level of awareness on RBF. **The conference offers two days of oral and poster presentations on 16 and 17 October and an excursion to RBF schemes on 18 October.** Everyone interested in RBF - young as well as experienced engineers, students, researchers, scientists, project managers, decision makers are welcome to participate. **Abstracts (free format) for oral/poster presentations can be sent before 31 July 2023 to: [rbfconf@htw-dresden.de](mailto:rbfconf@htw-dresden.de).** Late submission of poster presentations is also possible until 31 August 2023. **To receive further information please send an email to [rbfconf@htw-dresden.de](mailto:rbfconf@htw-dresden.de) or check [www.htw-dresden.de/rbfconf](http://www.htw-dresden.de/rbfconf)**

**Abstracts** (free format) for oral/poster presentations can be sent **before 31 July 2023** to: [rbfconf@htw-dresden.de](mailto:rbfconf@htw-dresden.de). To receive further information please send an email to [rbfconf@htw-dresden.de](mailto:rbfconf@htw-dresden.de) or check [www.htw-dresden.de/rbfconf](http://www.htw-dresden.de/rbfconf)

Thank you Catalin and Cornelius for reporting ; ).

## Second International Conference on “Water Resources Management and Sustainability: Solutions for Arid Regions”, 26-28 February 2024, Dubai, United Arab Emirates



A number of pre-conference workshops on the applications of AI, Machine Learning, GIS and RS on water resources will be scheduled on Sunday, 25 February. A post-conference field visit will be organized on Thursday, 29 February...

Subtheme:

Advanced Technologies in Water Resources Management

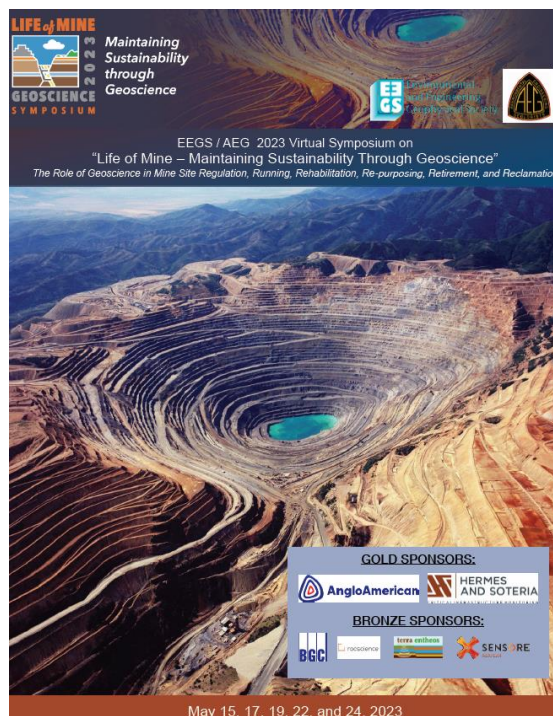
**(Large Scale Water Management, ASR, MAR)**

**Submission deadline: Sep 1<sup>st</sup>, 2023.**

Thank you Dr. Mohsen Sherif for reporting.

**Life of Mine – Maintaining Sustainability Through Geoscience online Symposium, May 15, 17, 18, 22, 24**

MAR in mining at Challenges of Hydrogeology in Mine Development and Operation.



See program and read more info: <https://www.minesymposium.org/>

## SEMINARS AND WEBINARS

**Risorse idriche e siccità del 29/06/2023 a Torino (In Italian). Water resource scarcity in times of climate crisis: issues, experiences and proposals for mitigation action**

Hybrid (in person + in remote) conference organized by the University of Torino: la scarsita' della risorsa idrica in periodi di crisi climatica: problematiche, esperienze e proposte di interventi di mitigazione.



Giovedì 29 giugno 2023 TORINO

## LA SCARSITA' DELLA RISORSA IDRICA IN PERIODI DI CRISI CLIMATICA: PROBLEMATICHE, ESPERIENZE E PROPOSTE DI INTERVENTI DI MITIGAZIONE

**SEDE: AULA MAGNA "TULLIO REGGE"**  
 Dipartimento di Fisica dell'Università di Torino,  
 Via Pietro Giuria, 1 – 10125 TORINO

**ORARIO DALLE 9 - ALLE 13:30**

MODALITA' DI SVOGIMENTO: IN PRESENZA, FINO A ESAURIMENTO CAPACITÀ DELLA SALA OSPITANTE

**MAGGIORI DETTAGLI e MODULO DI ISCRIZIONE**  
 sul sito [www.geologipiemonte.it](http://www.geologipiemonte.it)

**ORGANIZZATORI:**



DIPARTIMENTO DI SCIENZE DELLA TERRA,  
UNIVERSITA' DI TORINO



ORDINE DEI GEOLOGI DELLA  
REGIONE PIEMONTE

### LA SCARSITA' DELLA RISORSA IDRICA IN PERIODI DI CRISI CLIMATICA: PROBLEMATICHE, ESPERIENZE E PROPOSTE DI INTERVENTI DI MITIGAZIONE TORINO - GIOVEDÌ 29 GIUGNO

Presso il Dipartimento di Fisica dell'Università di Torino  
 Aula Magna "Tullio Regge" via Pietro Giuria,1

**PROGRAMMA**

8.30 - 9.00: Registrazione partecipanti

**PRIMA PARTE 9 – 11.10:** Moderatore: UGO DE LA PIERRE

9.00 - 9.30: SALUTI E INTRODUZIONE LAVORI

9.30 - 13.30: CONTRIBUTI SCIENTIFICI

9.30 - 9.50: **SECONDO BARBERO** - *Direttore Arpa Regione Piemonte. "L'IMPATTO DEI CAMBIAMENTI CLIMATICI SULLA RISORSA IDRICA: I RECENTI EVENTI SICCIOSI E GLI SCENARI FUTURI"*

9.50 - 10.10: **DOMENICO ANTONIO DE LUCA** - *Professore Associato, Dipartimento Di Scienze Della Terra, Università Di Torino. "RUOLO E GESTIONE DELLE ACQUE SOTTERRANEE NEGLI SCENARI DI CRISI"*

10.10 - 10.30: **PAOLO SEVERI, IMMACOLATA PELLEGRINO** - *Funzionaria Servizio Geologico, Sismico e dei Suoli della Regione Emilia-Romagna. "LA RICARICA ARTIFICIALE DELLE FALDE IN EMILIA-ROMAGNA"*

10.30 - 10.50: **RUDY ROSSETTO** - *Ricercatore presso la Scuola Superiore Sant'Anna di Pisa. "PROGETTAZIONE ED ESERCIZIO DEGLI IMPIANTI DI RICARICA DELLE FALDE IN CONDIZIONI CONTROLLATE AI SENSI DEL DM 100/2016"*

10.50 - 11.10: **DISCUSSIONE**

11.10 - 11.30: PAUSA CAFFÈ

**SECONDA PARTE 11.30 – 13.15:** Moderatore: SUSANNA MANCINI

11.30 - 11.50: **ENRIQUE FERNANDEZ ESCALANTE** - *Idrogeologo Senior presso Grupo Triaesa (Madrid) And Technical University Of Madrid Msc Lecturer. "WATER SECURITY INCREASEMENT AND CLIMATE CHANGE ADAPTATION BY MEANS OF MANAGED AQUIFER RECHARGE. OVERVIEW OF DEMONSTRATIVE SITES AND LESSON LEARNED" ("Incremento della sicurezza idrica e adattamento ai cambiamenti climatici attraverso la ricarica controllata degli acquiferi: panoramica dei siti dimostrativi e delle lezioni apprese")*


11.50 - 12.10: **DAVIDE MURGESSE** - *Professionista presso Seacoop Stp Torino. "PROGETTARE BACINI DI RICARICA DELLE FALDE IDRICHE COME STRATEGIA DI ADATTAMENTO AI CAMBIAMENTI CLIMATICI. SOLUZIONI A SCALA INTERCOMUNALE: FATTIBILITA' TECNICA E URBANISTICA"*

12.10 - 12.30: **PATRIZIA ERCOLI e CAMILLA IUZZOLINO** - *Dirigente e Funzionaria dell'Area Tutela e Gestione Acque della Regione Emilia-Romagna. "GESTIONE DELLA RISORSA IDRICA, STRATEGIE DI ADATTAMENTO CLIMATICO E MISURE DI MITIGAZIONE PER LE SITUAZIONI DI SCARSITA': SOLUZIONI PER AUMENTARE E DIVERSIFICARE LA DISPONIBILITÀ DI RISORSA"*


12.30 - 12.50: **MAURO FALCO** - *Funzionaria Direzione Ambiente, Energia e Territorio Settore Tutela Acque della Regione Piemonte. "POSSIBILITÀ TERRITORIALI E NORMATIVE ALL'UTILIZZO DEI "LAGHI DI CAVA" PER L'ATTINGIMENTO DELLE ACQUE SOTTERRANEE A FINI IRRIGUI"*

12.50 - 13.15: **DISCUSSIONE**

**FINE LAVORI**



DIPARTIMENTO DI SCIENZE DELLA TERRA,  
UNIVERSITA' DI TORINO



ORDINE DEI GEOLOGI DELLA  
REGIONE PIEMONTE

More info: <https://www.geologipiemonte.it/apc/apc-news/articolo/la-scarsita-della-risorsa-idrica-in-periodi-di-crisi-climatica>

Booking: <https://www.geologipiemonte.it/iscrizione/la-scarsita-della-risorsa-idrica>

Thank you Ugo De la Pierre and Susanna Mancini for reporting.

## 5 International Summer School on Managed Aquifer Recharge, MARISS, from 3 July to 14 July 2023


The next and last free-of-charge summer school, MARISS 2023, 3 to 14 July 2023.

HTW

HOCHSCHULE FÜR  
 TECHNIK UND WIRTSCHAFT  
 DRESDEN  
 UNIVERSITY OF APPLIED SCIENCES

Contact EN Direct Entry

Studies
International
Research & Transfer
University



5. INTERNATIONAL SUMMER SCHOOL ON MANAGED AQUIFER RECHARGE  
 FROM 03/07 TO 14/07/2023

More info: <https://bit.ly/3BbeVzB>

## WEBINARS

### Wetlands as Nature Based Solutions (in Spanish)

El pasado día 09 de junio se celebró el Webinar: "Humedales como soluciones basadas en la naturaleza". El evento contó con 863 profesionales inscritos procedentes de España, Portugal y América Latina. Hubo ponencias específicas sobre MAR.



**A QUIÉN VA DIRIGIDO**

LIFE19 ENV/ES/000197

- El proyecto se dirige a depuradoras de **pequeñas/medianas poblaciones** (<2000 he; < 10000 he).
- Han de tener su tratamiento secundario (tratamiento **adecuado** según DTA, actualmente en revisión).
- Cómo reducir **nutrientes** en estas poblaciones de una forma económica y técnicamente viable.
- Cómo mejorar la **biodiversidad** empleando aguas regeneradas. Usos ambientales. **Renaturalización** del efluente antes del vertido a DPH.
  - Integrar aspectos biológicos, no solo los clásicos F\_Q, en los **requisitos de vertido a cauce público**. A nivel cualitativo.

Logos: LIFE, iLAMA, FUNDACIÓN GLOBAL FUTURE, Grupo Economía del Agua, ASP VALOR, EFE, etc.

Acceso a la grabación: <https://www.youtube.com/watch?v=7H-StNKcJ68>  
 Thank you, José Miguel del Arco, for reporting.

### IAH Colombian chapter organizes a mini-conference on MAR

Last May 21<sup>st</sup> took place a short conference organized by the IAH Colombian Chapter. Niels Hartog and Enrique Fernández Escalante presented two slots on MAR, exploring possibilities for future actions in the country.





**Recarga artificial o gestionada desde la perspectiva de la seguridad hídrica**

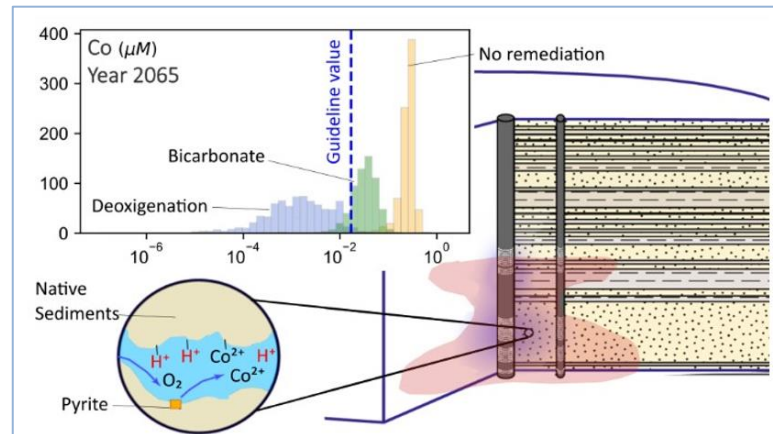
Fotos: L&M

Dr. Enrique Fernández Escalante.  
 Grupo Tragsa - IAH-MAR Commission

Please, contact Colombian IAH chapter to reach the presentations: [iah.colombia@gmail.com](mailto:iah.colombia@gmail.com)

## IAH Chile chapter organizes a brief presentation on MAR (in Spanish)

Charla: Recarga de Acuíferos Gestionada (RAG)", dictada por Claudio Vergara. Miércoles 14 de junio a las 19:00 horas (Santiago, Chile).



More info will be posted shortly in case we receive the pdfs, or pls contact the IAH Chilean chapter: <https://www.aih-cl.cl/>

## NEW MAR OR MAR-RELATED ACTIVITIES

### In memoriam

Not precisely a good chapter, but two eminent "MARers" have recently passed away. It is with sadness that we mark the passing of our colleagues.

#### Professor Emeritus José Martins Carvalho (TAR, Portugal)

Professor of the Instituto Superior de Engenharia do Porto (ISEP), Geobiobec Researcher, and EuroGeologist (EurGeol), an outstanding professional known in all the Portuguese groundwater related communities, active member of several scientific and professional associations, in Portugal and internationally and recipient of the Medal of Merit by the European Federation of Geologists (EFG).

<https://iah.org/news/professor-emeritus-jose-martinscarvalho->

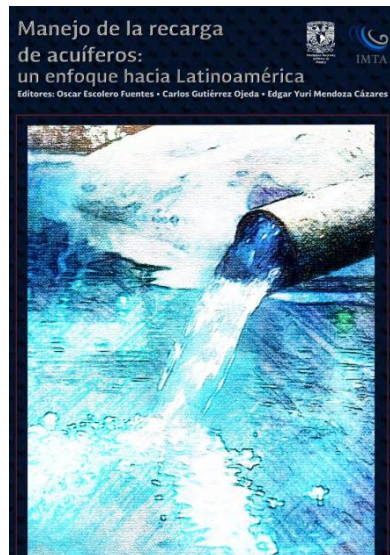
#### Researcher Óscar Escolero Fuentes (IMTA, Mexico)

Civil engineer with a Master's degree in Hydraulic Engineering and a Ph D. in Earth Sciences, he worked from 1980 to 2003, at the current National Water Commission, on issues related to groundwater management and assessment in Mexico. He is currently a researcher at the Institute of Geology of UNAM and a professor in the Postgraduate Programme in Earth Sciences at UNAM, his field of interest is groundwater management.

<https://www.geologia.unam.mx/comunidad-igl/escolero-fuentes-oa>

Close member of the IAH-MAR family, who co-edited the thickest book on MAR written in Spanish:





[https://www.imta.gob.mx/biblioteca/libros\\_html/manejo-recarga-acuiferos-ehl/files/assets/basic-html/page1.html](https://www.imta.gob.mx/biblioteca/libros_html/manejo-recarga-acuiferos-ehl/files/assets/basic-html/page1.html)

*Our sincere condolences to their families and friends.*

## Positions for “MARers” recently published.

### University of Arizona, USA

Associate Director-Water Resources Research Center

THE UNIVERSITY OF ARIZONA

## Associate Director-Water Resources Research Center

Tucson, AZ, United States | req14913

[Apply Now](#)
Share
Save Job

< Back to Search

ASSOCIATE DIRECTOR-WATER RESOURCES RESEARCH CENTER	
Posting Number	req14913
Department	Water Resources Resrch Ctr-Ext
Department Website Link	<a href="https://wrrc.arizona.edu/">https://wrrc.arizona.edu/</a>
Medical Sub-Speciality	
Location	Main Campus
Address	Tucson, AZ USA

<https://arizona.csod.com/ux/ats/careersite/4/home/requisition/14913?c=arizona>

### University of Delft – Field Factors, The Netherlands

Voor kandidaten Voor werkgevers

Vacatures Carrièretools Carrièreadvies Events NL

ACADEMICTRANSFER

Alle vacatures

### EngD DeltaUrban Aquifer Storage and Recovery (ASR) with UV LED

Published: 26 May | Deadline: 2 Jul | Location: Delft

Developing a comprehensive urban water management solution to climate-proof cities

**JOB DESCRIPTION**

The successful EngD candidate will work in a position financed by the European Climate, Infrastructure and Environment Executive Agency's LIFE programme to design at full-scale, an integrated water treatment, and disinfection solution for stormwater that meets quality standards for large volume, close-contact non-potable application in the

Apply now (16 days remaining)

**Specifications**

- Research, development, innovation
- Engineering
- University graduate
- # TUD03977

**Employer**

TU Delft Delft University of Technology

Apply: [https://www.academictransfer.com/nl/328427/engd-deltaurban-aquifer-storage-and-recovery-asr-with-uv-led/?\\_gl=1%2A16xu2uy%2A\\_up%2AMQ...&gclid=EAlalQobChMlYrHqosyu\\_wlVmNzVCh2rqAcAEAAYASAAEgKDqPD\\_BwE](https://www.academictransfer.com/nl/328427/engd-deltaurban-aquifer-storage-and-recovery-asr-with-uv-led/?_gl=1%2A16xu2uy%2A_up%2AMQ...&gclid=EAlalQobChMlYrHqosyu_wlVmNzVCh2rqAcAEAAYASAAEgKDqPD_BwE)

Thank you Joshua Gallegos for reporting

**Technical university of Catalunya, Spain.**

2023  
**OFERTA LABORAL**

HASTA EL 5 DE COTUBRE

**PRESENTA TU SOLICITUD**

**PROYECTO DE DOCTORADO INDUSTRIAL**  
MODELO HIDROGEOLÓGICO Y RECARGA ARTIFICIAL DEL ACUÍFERO DEL MARESME (MHIRAAM)

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

GHS

Inscription: <https://lnkd.in/ddkkEw78>.



## MORE ACTIONS

### New SAT-MAR implementation in Spain. RETEMA magazine (in Spanish)

*La ACA estudia aplicar agua regenerada al acuífero aluvial de la baja Costa Brava. Read more...*



<https://www.retema.es/actualidad/la-aca-estudia-aplicar-agua-regenerada-al-acuifero-aluvial-de-la-baja-costa-brava>

### Whatsapp group on Aquifer Recharge Management

This is the link to join the group, with about 150 participants:

<https://chat.whatsapp.com/l4K5HclxszyEbrszDj1HQd>

### Previous IAH-MAR Newsletters

Please, remember that you can access the previous newsletters in our website:

<https://recharge.iah.org/newsletters>

## IAH-MAR Commission on Twitter



@IAHMARCom

<https://twitter.com/IAHMARCom>

## IAH-MAR Commission's sister Web sites

<http://china-mar.ujn.edu.cn/>



<https://dinamar.traqsa.es/>



@4dina\_mar

<https://www.linkedin.com/groups/4690290/> (493 members)

## IAH MAR Commission Forum

Please, remember you can book freely in the IAH MAR Commission Forum:

<https://lists.flinders.edu.au/mailman/listinfo/iah-mar.listcgs>

That's all by now... **please, keep reporting ([dinamar@traqsa.es](mailto:dinamar@traqsa.es))**. We miss too many news, specially from Asia

Dr. Enrique Fernández Escalante, on behalf of the IAH MAR Commission co-chairs,  
Dr. Catalin Stefan, and Dr. Yan Zheng.

2023 June 19<sup>th</sup>