

Dear MAR family, good day!

Please find some news on MAR for 2020 July.

KMARP PROJECT. Managed Aquifer Recharge in Kabul Area (ADB, L&M, USAID...)

KMARP project is nearing his final stage with the development of more than 20 infiltration ponds and injection wells plus combinations.

Please see the video clip via the link below about KMARP courtesy of NWARA.



<https://www.facebook.com/page.takal/videos/604389337159274/>

Thanks to Mr. S. Kissane and P. Harrison for the information.

More info: <https://kmarp.com/home>

GT on MAR regulations has released a technical article

Members of the IAH MAR Commission working group on MAR regulations have recently published some results of their advances: *Regulations and guidelines on water quality requirements for managed aquifer recharge. International comparison.* <https://doi.org/10.7343/as-2020-462>

The paper has been reviewed in full detail by the WG leader, Manuel Sapiano.

<https://acquessotterranee.net/index.php/acque/issue/view/38>

Vol 9, No 2 (2020). Editor Dr. Rudy Rossetto...

ACQUE SOTTERRANEE

Italian Journal of Groundwater

Acque Sotterranee - Italian Journal of Groundwater is one of the oldest European journal dealing with groundwater. Papers on today widespread subjects, such as groundwater remediation and ground source heat pumps, were already published back in 1984.

Journal Water, special issue Managed Aquifer Recharge for water resilience is finished

The “official ISMAR 10 Journal” has been finished **with 23 articles**



water

an Open Access Journal by MDPI

https://www.mdpi.com/journal/water/special_issues/ISMAR10_2019

Special issue of Water (ISSN 2073-4441). This special issue belongs to the section "Water Resources Management, Policy and Governance".

In the coming weeks MDPI is going to produce this special issue “Managed Aquifer Recharge for Water Resilience” in hard copy (soft cover book) at an approximate cost of US\$100 (final cost to be confirmed), a good option for your library.

IAH elections. Next October will take place the elections for the IAH International Board.

More info at: <https://iah.org/news/2020-iah-council-elections-candidate-list-announcement>

Please, notice that this forum is not a publicity mean for candidates.



Postponed: 47th IAH Congress, Brazil

With the Covid-19 pandemic continuing and caution needed across the world, the Organising Committee has been forced to make the difficult decision to reschedule the 47th IAH Congress.

Our colleagues in Brazil are deeply disappointed that they will not be able just yet to welcome everyone to Sao Paulo, especially those who had hoped to make long-awaited presentations. The best options for rearranging the Congress are now being finalised so that the Organising Committee can look forward once again to welcoming everyone to Sao Paulo. New plans will be released very soon and the Committee will be in touch with those of you who have already registered for the Congress or who have submitted abstracts.

Questions or comments? Email info@iah.org



<https://abas.iah2020.org/en/>

The WhatsApp group on “Aquifer Recharge Management” keeps advancing well, coordinated by Felipe Berton.

International Symposium on Geofluids, Budapest, Hungary, 7-9 July 2021. Save the **new date**.

Due to the COVID-19 pandemic situation, the Organizing Committee decided to postpone the Symposium.

The declared objective of the Symposium is to bring together scientists, professionals, stakeholders to share and discuss all kinds of aspects of geofluids, i.e., groundwater, geothermal energy, hydrocarbon, geogenic contamination, and hydrothermal mineral resources, with special emphasis on harmonized exploration and utilization. We, therefore, welcome researchers in all aspects of geofluids' research.

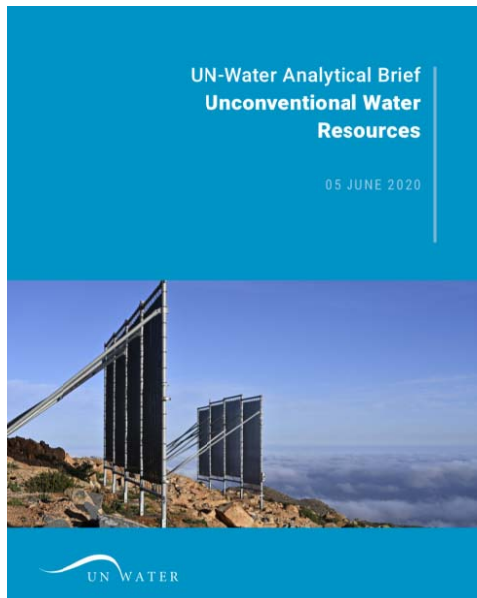
More information @ <http://geofluids2020.hu/>



Thanks Ádám Tóth and Judit Mádl-Szőnyi for reporting.

UN-Water Analytical Brief on Unconventional Water Resources

New UN books released available at: <https://www.unwater.org/publications/un-water-analytical-brief-on-unconventional-water-resources/>



Reusing municipal wastewater and stormwater, potentially through managed aquifer recharge, and the use of residual water from agriculture are practiced in many regions. However, the implementation of such practices is on a small scale. These practices need to be more widely adopted. Recycling water is also energy-intensive, but will become more common with access to cheaper and decentralized energy. Still, these are usually less expensive options than bringing water from outside the catchment boundaries.

The book has three mentions about: “aquifer recharge”.

Villacuri MAR system. New infiltration facilities already operative. MAR in Ica aquifer, Peru

New MAR facilities deployed for irrigation have begun their activity. It is worth to remark the new elements have been implemented by private initiative.



First day of the new infiltrations ponds announced to the press. Photo: Roberto Ramírez
Public use (banned) in an infiltration pond. Photo: Roberto Navarro

More info about this system at HJ: Evolution and sustainability of groundwater use from the Ica aquifers for the most profitable agriculture in Peru:

<https://www.springerprofessional.de/en/evolution-and-sustainability-of-groundwater-use-from-the-ica-aqu/18123960>

Online Conference “Addressing Groundwater Resilience under Climate Change” 29-30 October 2020

IWRA have the pleasure to inform that the Online Conference “Addressing Groundwater Resilience under Climate Change” – will be organized 29-30 October 2020, organized by IWRA in partnership with IAH and UNESCO IHP has included MAR in the list of subtopics.

MAR activists are encouraged to submit, preferably, in subtopic 2.8.

More info: www.iwraonlineconference.org

ATTENTION: The Call for Abstracts is open until July 15th, 2020



Old publications on MAR (a drop of nostalgia...)

The selected book for this paragraph has been: *EG-13 Artificial Recharge of Ground Water in Colorado: A Statewide Assessment, 2004*. Available at:

<https://coloradogeologicalsurvey.org/publications/artificial-recharge-ground-water-colorado-statewide-assessment/>

And that's all by now... please, keep reporting... we are missing news, especially from Asia...

Thank you very much for your kind attention

With our best wishes

Enrique F. Escalante of behalf of IAH MAR Commission chairs.



<http://www.iah.org/recharge/>

<http://dina-mar.es/category/Noticias.aspx> (temporarily out of order)

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

Get ready for our next main meeting, ISMAR 11, CA, April 11-15 2022:

