



Newsletter

Hello,

03 May 2016

Last week took me to GWI's Global Water Summit in the UAE, then to Serbia for a User Design Workshop and finally the United Kingdom for WRC's annual Innovation day.

The urgency and pace was palpable. Ten minute roundtables with industry leaders, real time case studies where attendees present the analysis. The velocity is faster and faster challenging us all to scale our learning more urgently than ever.

I can not possibly summarize all the insights revealed at these forums, just the sheer size of [GWI's 2017 Global Market Report](#) at four volumes says it all. We are now in a \$720 billion dollar sector with healthy prognosis for growth and complex linkages.

There is, however, one much larger, and stronger common thread - a very personal and human need to create shared value in the water sector. That is what motivates me to get up and work hard each and every day. We all have an important part to play, every bit of knowledge sharing helps.

Trudi Schifter
Founder & CEO
AquaSPE AG

Trending Technology

UV-C LED Applications in Water Disinfection



UV-C LEDs are smaller and offer higher ultraviolet power densities than mercury-based UV lamps. UV-C LED-based systems are just entering the water disinfection market, but their share is expected to grow rapidly as new system designs increases their applications.

[Read details](#)

Latrine Volume Reduction by BioBed



Via Water secured funding for a project to develop a conversion kit for existing SanPlat latrine pits into a Biobed system. The BioBed system builds on the impressive appetite of Black Soldier Fly larvae. According to recent research, this fly can convert fresh human faecal matter in latrines to virtually no volume.

[Read details](#)

High-tech buoys prevent illnesses from filthy water



Developed by MSU and USGS, the sensor-fitted buoys have been deployed on Lake Michigan in Chicago, where they measure multiple parameters of water quality in real-time. The buoys can run complex algorithms to extract specific data, and can also automatically disseminate information to the public via websites.

[Read details](#)

Self-Assembling Nanoparticles for Solar Water Desalination



Nanjing University engineers developed a cheap plasmonic absorber. By heating sheets of aluminium oxide pre-engineered with nanoscale pores, they cause self-assembly of the aluminum nanoparticles into a 3D porous membrane. This membrane can be used in a solar still, where it will efficiently convert solar energy into heat for the distillation process.

[Read details](#)

Editor's Choice



[Expert Interview: Trevor Hill, CEO of FATHOM](#)

The Water Network team interviews FATHOM's CEO Trevor Hill about the benefits of adopting IT solutions for utility management, such as FATHOM's platform, which offers end-to-end water utility management, which can be adopted as a whole or incrementally as needed.



[Q&A: Siphon intake pipe in desalinization plants](#)

Victor Pés' company is designing an intake pipe for a desalinization plant that works as a siphon (pipe above HAT, negative pressure). They need some sample designs for their client.



[Q&A: Calculating amount of groundwater recharge through a pond?](#)

Tips on calculating groundwater recharge over a set time period are needed by Amit Darak, who is working on a community recharge pond. He has yearly rainfall data and topographical details of the catchment. He will also need to account for artificial recharge techniques.



[Expert Blog: Surfing Our Way Through The "Internet of Things"](#)

This blog by Mark LeChevallier looks to the future of the Internet of Things and the improvements it could bring to the water industry.



[Expert Blog: Climate and Climate Governance in Vanuatu](#)

Bapon Fakhruddin describes the serious impact of climate change in the Pacific Island of Vanuatu, which experiences frequent natural disasters and has limited capacity to cope with climate change.

Featured Events



[California Water Summit](#) - Sacramento, CA, US - 01 - 03 June

This annual summit by Infocast, now in its third year, will be focused on the theme "Investing in Water Assets & Infrastructure as California's Water Revolution Takes Off".

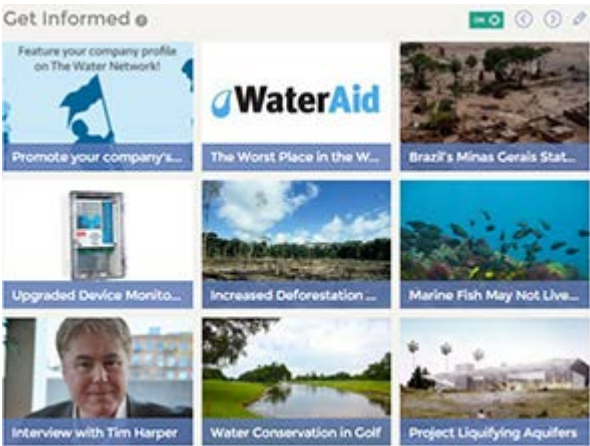


[AWWA ACE 16](#) - Chicago, IL, US - 19 - 22 June

ACE16 offers a robust Innovation focus with professional sessions in the Innovation: Making Connections & Overcoming Barriers track and sessions in the Innovation Lounge where you can engage with water utility leaders.

Featured Jobs

- [Executive Director](#) - Qatar Energy & Environment Research Institute - Qatar
- [Process Engineer, RO Process Division](#) - IDE Technologies - Israel
- [Engineering Intern](#) - Aquisense Technologies - Florence, KY, United States
- [Sales/Marketing Positions](#) - Jain Irrigation Systems - Gujarat, India



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