



The GEM: 3rd Edition

The 3rd Edition of The GEM is launching next month!

[The Groundwater Engineer Magazine](#) offers unparalleled insights and coverage of the latest trends, technologies, and innovations in the field. This specialized publication reaches a broad and influential audience of industry professionals and decision-makers worldwide.



There are just a few advertising spots left - DON'T MISS OUT!

With exclusive advertising opportunities, this is your chance to promote your brand to a global network, enhancing visibility and driving business growth in this expanding market.

Secure your advertising space in the latest edition today. In order to book your spot and find out more about advertising in The GEM, please get in touch with Riette as soon as possible - riette@dewateringinst.com
[Click here for The GEM rate card.](#)

Training Courses

The Effectiveness of the MAR Scheme at a Mine along the West Coast of South Africa

The Elandsfontein Phosphate Mine is one of the only mines in South Africa that injects 100% of their dewatered groundwater back into the aquifer system. This week, [GEOSS](#) Hydrogeologist [Aqeela Parker](#) shared an insightful session covering the effectiveness of this MAR scheme and its impact on the aquifer system. Look out for the recording coming soon.



TRAINING COURSE

The Effectiveness of the MAR Scheme at a Mine along the West Coast of South Africa

With Aqeela Parker

Wednesday, 27 November 2024

tdi The Dewatering Institute

GROUNDWATER AND EARTH SCIENCES
GEOSS
2020-2024

We have concluded all our training sessions for 2024. Thank you to all our presenters for sharing their knowledge with the TDI community this year. Thank you also to the community for attending these sessions, making them a great success each month.

In 2025, we will continue to bring you informative training courses from TDI members and experts in the dewatering industry. With these webinar presentations, TDI provides a platform for engineers, contractors, manufacturers, and consultants globally to exchange knowledge, engage in discussions, and gain insights from their experiences. This drives both individuals and companies forward, ultimately enhancing industry standards.

If you're interested in presenting a webinar in 2025, please [contact us](#).

Webinar Recordings

Missed a webinar? TDI Members can catch up by watching the available recordings. Please contact [Riette](#) for access codes to view.

2024 TDI Awards Ceremony

Did you miss the 2024 TDI Awards ceremony?

We've made the recording available for you!

Congratulations, once again to all the winners. [Click here to watch the recording.](#)



Design Phase and Construction Phase Dewatering Solutions

Yesterday presenters, [Abhishek Vyas](#) and [Erik Blumhagen](#) from [Malcolm Drilling Company Inc.](#) discussed the Design Phase and Construction Phase Dewatering Solutions. Look out for the recording coming soon.



Tailings processing and creation of PASTE | NAIT Applied Research

This session was presented by Dr. Heather Kaminsky – P.Eng. PhD. NSERC IRCC in Oil Sands Tailings Management, TACEES. Dr. Kaminsky, delves into the complex impact of clays on mining operations. [Click here to access the recording.](#)



Ahead of the Curve – Turbidity, Treatment & Technology | NCS Fluid System

Last month [Dustin Henderson](#), Vice President Sales and [Mehrzaad Emanuel](#), Sr. Advisor – Water Treatment at [NCS Fluid Handling Systems Inc.](#) delivered an informative training session on Turbidity, Treatment & Technology. [Click here to access the recording.](#)

Managed Aquifer Recharge for Dewatering Projects | Wallbridge Gilbert Aztec

Last month we were joined by Kes Murray, Senior Hydrogeologist at Wallbridge Gilbert Aztec (WGA) for an informative webinar on the fundamentals of Managed Aquifer Recharge for dewatering projects, and the importance of clearly defining the objectives of the scheme. [Click here to access the recording.](#)

Design & Modelling for Groundwater Engineering & Control | OGI Groundwater Specialists

[Dr Stephen Thomas](#), Managing Director & Founder of [OGI Groundwater Specialists](#) presents an informative webinar on Design & Modelling for Groundwater Engineering & Control. [Click here to access the recording.](#)


AHEAD OF THE CURVE – TURBIDITY, TREATMENT & TECHNOLOGY



NCS
FLUID SYSTEMS

WEBINAR RECORDING

MANAGED AQUIFER RECHARGE FOR DEWATERING PROJECTS



WGA

WEBINAR RECORDING

DESIGN & MODELLING FOR GROUNDWATER ENGINEERING & CONTROL



OGI
GROUNDWATER SPECIALISTS

WEBINAR RECORDING

Dewatering with Less Energy Consumption, More Environmentally Friendly Equipment, and Lower Cost of Ownership Pumping Solutions | BBA Pumps

[Michiel Vaags](#) from [BBA Pumps](#), Netherlands presented an informative webinar on dewatering with less energy consumption, more environmentally friendly equipment, and lowest cost of ownership pumping solutions. [Click here to access the recording.](#)

Introduction to Sonic Drilling, Tooling, Sectors and Case Studies | Royal Eijkelkamp

This webinar was presented by [Alberto Villanueva](#), account manager for [Royal Eijkelkamp](#). With a mechanical engineering degree and 11 years of experience in the drilling sector, Alberto has worked for Dando Drilling International and Global Geotech. [Click here to access the recording.](#)

Enhanced Dewatering By Process Water Conditioning | Vietti Slurrytec

Understanding slurry means designing the process to suit the properties of the slurry. [Andrew Vietti](#), director of [Vietti Slurrytec](#) presented an informative webinar covering enhanced dewatering by process water conditioning. [Click here to access the recording.](#)

ENVIRONMENTALLY FRIENDLY DEWATERING
WITH LESS ENERGY AND LOWER COSTS



 **BBA Pumps**

WEBINAR
RECORDING

INTRODUCTION TO SONIC DRILLING, TOOLING,
SECTORS AND CASE STUDIES



 **Eijkelkamp**
Meet the difference

WEBINAR
RECORDING

ENHANCED DEWATERING BY
PROCESS WATER CONDITIONING



 **VIETTI Slurrytec**
Understanding slurry™

WEBINAR
RECORDING

The Principles of Efficient Water Well

Design | Roscoe Moss Company

An insightful presentation by [Kevin McGillicuddy](#), Vice President / Chief Hydrogeologist, [Roscoe Moss Company](#).

The session highlighted the critical components of the well design process and demonstrated how wells can be operated with greater water production and cost efficiency. [Click here to access the recording.](#)



The Importance of Artificial Ground Freezing For Shaft Sinking and Tunneling | Keller

In this recording, [Dr Joseph Sopko](#) of [Keller North America](#) presented an informative webinar on the importance of Artificial Ground Freezing (AGF) for shaft sinking and tunnelling. [Click here to access the recording.](#)



Industry News

Stay up to date with the latest [news](#) in the dewatering industry:

Are you joining us for the 12th ISMAR in South Africa?



**12th International Symposium
on Managed Aquifer Recharge**

**STELLENBOSCH
SOUTH AFRICA
28 APRIL-2 MAY 2025**



**IAH
SOUTH
AFRICA**



The 2025 Symposium will be held from 28 April to 2 May 2025 in Stellenbosch, South Africa. The main theme “*From Theory to Implementation and Operation*” places the focus on the latest research, implementation of MAR sites and the practicality of operating MAR schemes. [Click here for more information.](#)

Don't miss out on this exclusive discount for TDI members!

All members are eligible for a **20% DISCOUNT** on sponsorships for the upcoming 12th International Symposium on Managed Aquifer Recharge.

Contact Riette - riette@dewateringinst.com directly to arrange your sponsorship.

TDI Monthly Newsletters

Did you miss a monthly newsletter from TDI? We're now adding them to the website for your convenience.

[Click here to catch up on previous newsletters.](#)



READ MORE ARTICLES

Knowledge Centre

Our [Knowledge Centre](#) is designed to share valuable insights, knowledge and reports from our members experiences in the dewatering industry. In the knowledge centre you will find industry literature, case studies, readings and technical specifications provided by our valuable members.

Take a look at these recent additions to the Knowledge Centre:

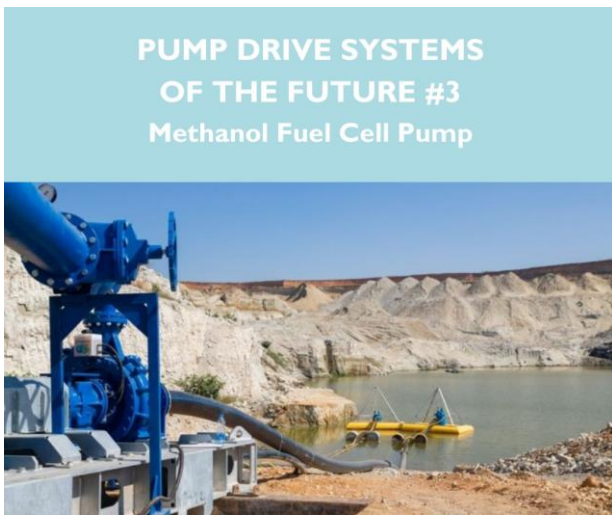
BBA PUMPS NEWS | Pump Drive Systems of the Future #1

Our world is becoming increasingly more focused on sustainability and efficiency. The portable pump industry is no exception and battery driven pumps are a game changing solution. [BBA's](#) battery electric pumps are not only environmentally friendly having no emissions, but also highly efficient and practically maintenance free. [Click here to continue reading.](#)



BBA PUMPS NEWS | Pump Drive Systems of the Future #2

[BBA Pumps](#) have developed a battery electric pump with a built-in power generator. And with that you run autonomously 24/7 for long periods of time, even when there is no mains power or the battery pack is empty. So how does that work? [Click here to continue reading.](#)

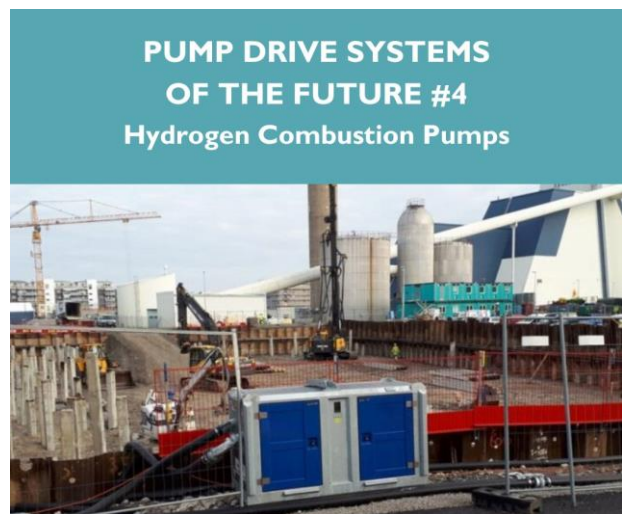


BBA PUMPS NEWS | Pump Drive Systems of the Future #4

The [BBA Pumps](#) innovation team has taken an impressive step in the use of mobile hydrogen pumps, the first mobile pumps with hydrogen drive are ready for production. We will start with hydrogen combustion engines for our dry selfpriming BA pumps. [Click here to continue reading.](#)

BBA PUMPS NEWS | Pump Drive Systems of the Future #3

In transitioning to sustainable forms of energy [BBA Pumps](#) see a lot of interest in methanol as an alternative to fossil fuels. Methanol can be produced from renewable sources such as biomass and waste products. Methanol can offer a sustainable solution, especially for applications that require a lot of energy or need to run for a sustained period of time. [Click here to continue reading.](#)



Learning from the past: World Tsunami

Awareness Day | [Umvoto Africa](#) This year marks the 20th anniversary of the Boxing Day Tsunami that struck the Indian Ocean in 2004, prompting the timely theme of “Protecting our future by learning from the past” for this year’s World Tsunami Awareness Day on November 5th. [Click here to continue reading.](#)



THE WELLPOINT DEWATERING SYSTEM EXPLAINED



GRIFFIN

The Wellpoint Dewatering System

Explained | **Griffin Fluid Management** [Griffin's](#) Wellpoint Dewatering System is a cost-effective way to lower groundwater levels and create a dry work environment around an excavation. It uses a series of small wellpoints that are installed close together and connected to a pump. The pump creates a vacuum, separates air and water, and pumps water to a discharge point. [Click here to continue reading.](#)

READ MORE ARTICLES

New Members

WELCOME!

We are pleased to welcome these new individual members to the TDI community:

Mohammed Siam

WJ Groundwater - Doha, Qatar

Michael Holloway

Hydro Geochem Group - WA, Australia

Jacques Gouws

Project Engineering PTY LTD - WA,
Australia



**WELCOME TO
THE
DEWATERING
INSTITUTE!**

Become a TDI Member

Why become a TDI member?

Embracing TDI membership extends an invitation to join a flourishing and expanding community of industry experts. As a member, you gain access to a wealth of opportunities, from knowledge-sharing and educational resources to the exchange of best practices and networking with fellow professionals in the dewatering industry.

TDI is driven by the mission to cater to the diverse needs of all its members and collaborators, which encompass a wide spectrum of stakeholders, including project owners, governmental entities, engineers, contractors, manufacturers, and suppliers. To register as a member contact TDI on admin@dewateringinst.com.

The Benefits of Being a TDI Member

TDI's purpose is to expand and promote the dewatering industry by educating as well as sharing best practices. In order to grow and develop the community, we need to grow together. These are 5 benefits of becoming a member:

- 1- Connect with industry professionals and share best practices.
- 2- Get access to our membership database.
- 3- Share your services
- 4- Access to training programs and events.
- 5- Stay up to date with the latest industry developments.

[Click here](#) to read the benefits and more.

The Dewatering Institute - A Global Network



Our Members
65



LinkedIn Followers
3000+



Newsletter Subscribers
5000+



Website Visitors
2900 p/m

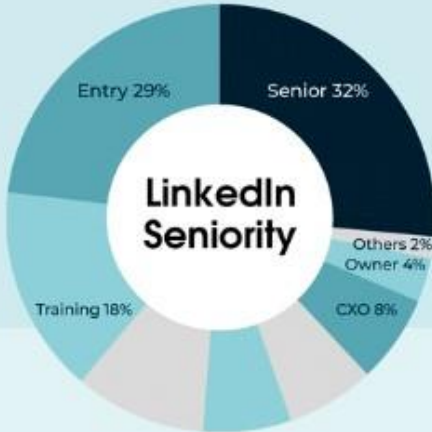


Clicks
68% Highly Engaged



Social Reach
TDI & Founder Members
195 000+

TDI Member Distribution



Follow us on Social Media

To stay up to date



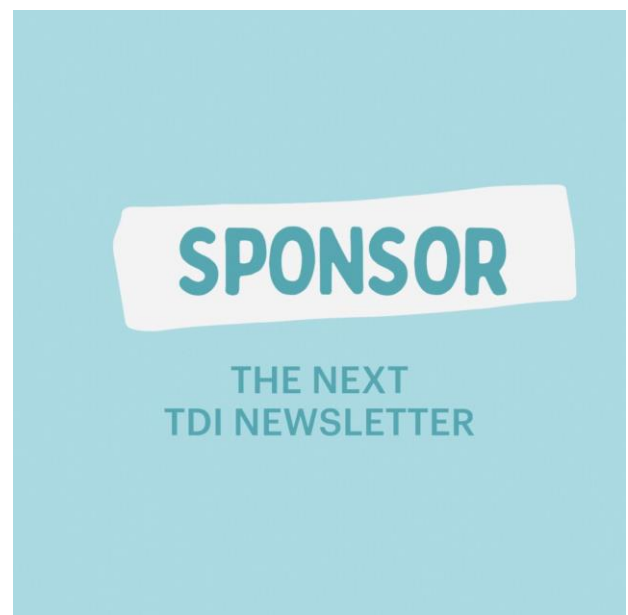
SPONSORSHIPS AVAILABLE!

Planning to ramp up your advertising in 2025?

The TDI newsletter is your first stop!

You can now sponsor the TDI newsletter and share your brand with our audience of over 3,500 subscribers every month.

All content is posted on social media to the global industry and is posted and updated monthly on the TDI website. [Contact Riette for sponsorship information.](#)



If you have any questions or suggestions please get in touch with Riette riette@dewateringinst.com.

We look forward to sharing the next edition of the GEM with you very soon!

With kind regards,

The TDI Team

Our Founding Members

YGRIFFIN

 Roscoe Moss
Company

 vanTongeren
watertechnik

 **Carl Hamm**
Pipes | Pumps | Solutions

 Stuart Wells Limited

 HÖLSCHER

 HYDROSERV
INTERNATIONAL

 Layne
A GRANITE COMPANY

 KELLER



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