

Editorial

Dear colleagues,



Not only was the summer of 2026 exceptionally hot, but we also had plenty of exciting, ‘hot’ topics and projects at TZW. These included, for example, our work on network flushing, which was in high demand, particularly given the temperature trends in the distribution network. PFAS also remains a ‘hot’ topic, and we are proud to be contributing to the EU project PFAROS which will develop safe, effective and sustainable alternatives to PFAS in the healthcare sector. Just as quickly as summer flew by, the end of the year is fast approaching, and I’d like to take this opportunity to highlight our annual TZW colloquium, at which we’ll be presenting many new developments and our experiences for the water sector.

Wishing you an enjoyable read,

Dr. Josef Klinger

31. TZW KOLLOQ
Entwicklungen für die Wasserversorgung

TZW KOLLOQ 2026

The importance of water supply has once again become particularly evident during the summer of 2026. The TZW KOLLOQ 2026 presents the latest research findings and innovative practical solutions in the fields of water treatment, water quality, and infrastructure.Take the opportunity to exchange ideas with experts and join us in discussing the latest developments in the water sector. Register now for the 31st TZW Colloquium on 2 December 2026. You can find more details about the programme and further information here (in German).

Read more



PFAROS Project Launch

With the launch of the European research project PFAROS on 1 September 2026, TZW is contributing to the development of safe, effective, and sustainable alternatives to PFAS for the healthcare sector. Per- and polyfluoroalkyl substances (PFAS) are currently used in numerous medical applications due to their unique properties. However, their high persistence in the environment has made them an increasing cause for concern. The project aims to develop high-performance and scalable substitute materials that meet the stringent

requirements for functionality, product quality, and safety in healthcare applications while simultaneously reducing environmental impacts.

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One Health Project in Cambodia

In the new project OH4CAM – One Health for Cambodia, TZW is collaborating with the Robert Koch Institute (RKI) and the Friedrich Loeffler Institute (FLI) to strengthen national One Health structures in Cambodia. The project aims to prevent, detect, and combat antimicrobial resistance, zoonotic diseases, and emerging infectious diseases at an early stage. Funded by the Development Bank (KfW) as part of international development cooperation, the project is being implemented in close collaboration with the relevant Cambodian ministries.

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KLUGE LÖSUNGEN FÜR UNSEREN BLAUEN PLANETEN

News in brief

ArNO Groundwater Project Successfully Completed
The ArNO groundwater research project, funded by the BMFTR, investigated nitrate contamination in catchment areas while considering natural denitrification processes. The study examined the hydrogeochemical conditions influencing nitrate degradation, as well as

requirements for monitoring wells and sampling strategies. The results showed that a significant proportion of the original nitrate input may already be degraded in groundwater. In addition, different methods for interpolating nitrate concentrations were compared, and relationships between the occurrence of nitrate and trifluoroacetic acid (TFA) were identified. The findings suggest that the presence of TFA alongside low nitrate concentrations may indicate denitrifying groundwater environments.

Our Risk Management Solution RiskPlus Implements First Steps for Assessing Water Supply Systems

RiskPlus continues to evolve: RiskPlus has launched with its first features for the drinking water supply system. Users can create and describe assets and facilities and model the relationships between them in a flowchart. This lays the foundation for risk assessment.

Another milestone is the planned integration of SHAPTH, the new Germany-wide standard for data exchange in drinking water hygiene. Thanks to this direct connection, sampling points, facilities, and analysis data can be efficiently imported into RiskPlus in the future.

For water utilities that do not need to assess catchment areas, RiskPlus Core also offers a new, cost-effective option: They can specifically license functionalities for the evaluation of analytical data and the risk assessment of facilities.

Learn more about the latest developments and the planned SHAPTH integration in our webinar on December 11, 2026. You can register for this event (in German) here. And here's another piece of news: Our new English and French RiskPlus websites are now online. Feel free to contact us directly. Upon request, we would be happy to provide information and personal guidance in English or French.

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