

NEWS OCTOBER 2025

Editorial

Dear colleagues,



DVGW-Technologiezentrum Wasser has set the course for the future by purchasing the plot of land directly adjacent to its main location in Karlsruhe, which is built on with a modern office building. The timing could hardly be more appropriate: exactly 30 years ago, in 1995, the then new TZW building was inaugurated at its current location. At the same time, TZW Board of Trustees was established and the first TZW Colloquium was organised. Both anniversaries are being celebrated this year – an occasion to look back with pride on more than three decades of continuous growth and steady development. This year's TZW Colloquium is also held under the motto *'Shaping the future with experience'*. It bridges the gap between looking back and looking ahead. *'Back to the future'* is therefore more than appropriate, with future topics being shaped by forever chemicals and climate change.

We look forward to welcoming you online or on site. Have an informative reading.

Dr. Josef Klinger

TZW KOLLOQ

30. TZW Kolloquium hybrid
Mit Erfahrung Zukunft gestalten

30 years of TZW KOLLOQ

The challenges facing water suppliers are growing - climate change, micropollutants, digitalisation and resource conservation require innovative solutions and in-depth knowledge. For three decades, the TZW Colloquium has provided a platform for dialogue on water innovations. In 2025, KOLLOQ will once again bring together experts from science and practice - for the latest insights into water research and practical inspiration for everyday work. Be there when we say: Shaping the future with experience. You can find more details about the programme and further information here (in German).

[Read more](#)



TZW continues to expand

Increased capacity for water expertise. Since 1 October 2025, the building at Karlsruher Straße 88 officially belongs to TZW. With this expansion, we are creating new capacity for tailor-made solutions, research and interdisciplinary cooperation. The expansion strengthens

our role as a centre of excellence for water supply and for future topics in the water sector.

[Read more](#)



CyanoTox project: Innovative water analysis

Hot summer days attract many people to lakes and rivers. However, so-called 'blue-green algae blooms' repeatedly lead to bathing bans. What many people do not know is that these warnings are caused by cyanobacteria – microscopic organisms that are not only potentially harmful to health but also play a central role in the ecological balance.

[Read more](#)



News in brief

Projects successfully completed

With **ResilJetzt!**, TZW has identified solutions for making public water supplies more resilient to current and future challenges such as the consequences of climate change. The aim was to raise awareness among

local stakeholders – water suppliers, municipalities, associations and authorities – and to support them in their planning. The results serve as a source of information on the framework conditions and as a decision-making aid for options for action to increase resilience. This is an important contribution to greater (supply) security and sustainability in water management. More information on the ResilJetzt project is available [here](#).

In the **KapilIO-PFAS** project, TZW investigated innovative approaches to removing PFAS from drinking water. Pilot tests with hollow fibre nanofiltration membranes showed effective PFAS retention in various water matrices and operating conditions. The results provide important insights into practical application and future technologies. More information on the KapilIO-PFAS project is available [here](#).

Congratulations on your doctorate

Dr Finnian Freeling was honoured with the SETAC GLB Young Scientist Award for his dissertation at the University of Koblenz. His work on the transformation of micropollutants was carried out in the Water Chemistry Department – a strong sign of excellent support for young scientists!

Dr Tim Schwarzenberger has successfully completed his doctoral thesis at the Karlsruhe Institute of Technology (KIT). His work on the microbiological validation of UV systems was carried out at the TZW – further proof of the high quality of research at the site.

Han-Fang Hsueh has successfully defended her dissertation on the topic of uncertainty quantification in prediction models at the University of Stuttgart – a great addition to our digital solutions!

International exchange at TZW

The board meeting of the Global Water Research Coalition (GWRC) was recently held at TZW in Karlsruhe. The focus was on international exchange on ‘resilient infrastructure’ with insights from research and practice. Presentations by TZW and strategic discussions with international partners strengthens global cooperation in water research. [More information about the meeting](#) on 22–23 September 2025 in Karlsruhe.

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