

10 YEARS

of Micropollutants Competence Centres
KomS BW and VSA Platform



Anniversary Event 10 years of Micropollutants Competence Centres KomS BW and VSA Platform

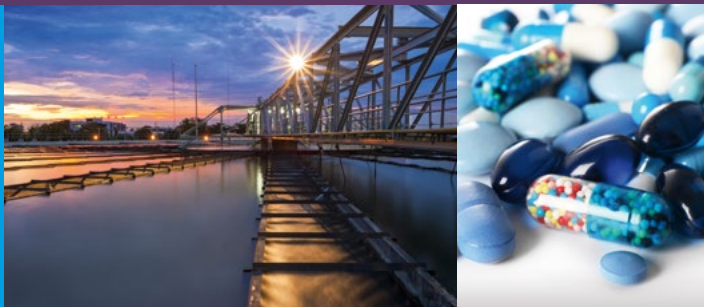
For the ten-year anniversary of the Micropollutants Competence Centres in Switzerland and Baden-Württemberg, KomS Baden-Württemberg is hosting an expert and technology forum on the removal of micropollutants from municipal wastewater. The event will take place in Friedrichshafen on 17 and 18 October 2022 in cooperation with the Swiss VSA Platform "Process Engineering Micropollutants".

A variety of synthetic residues, which are referred to as micropollutants, are polluting surface waters. The upgrade of wastewater treatment plants (WWTPs) with targeted micropollutant removal technologies makes an efficient contribution to the reduction of water pollution. Therefore, 26 WWTPs in Baden-Württemberg and 18 WWTPs in Switzerland have already been extended with full-scale advanced treatment.

The Competence Centres have actively accompanied and supported the advances made in process engineering. Join us in celebrating the progress made in water protection while also learning about the latest status of removing micropollutants in wastewater treatment plants.

ANNIVERSARY EVENT **HYBRID**

17/18 OCTOBER 2022
FRIEDRICHSHAFEN AT LAKE CONSTANCE



A cooperation event between



REGISTER
NOW

10 YEARS

of Micropollutants Competence Centres
KomS BW and VSA Platform

ANNIVERSARY EVENT **HYBRID**

17/18 OCTOBER 2022
FRIEDRICHSHAFEN AT LAKE CONSTANCE

REGISTRATION
dwa@koms-bw.de

JUST
ONE
CLICK!
REGISTRATION
ONLINE

I would like to register for the anniversary event "10 years of Micropollutants Competence Centre" (binding registration)...

- ON SITE:**
... and will attend on **17 and 18 October 2022** at the cost of
EUR 395 (DWA/VSA member) | EUR 475 (non-member)
... and will attend on **18 October 2022 only** at the cost of
EUR 295 (DWA/VSA member) | EUR 355 (non-member)

- ONLINE:**
... and will attend on **18 October 2022 only** at the cost of
EUR 295 (DWA/VSA member) | EUR 355 (non-member)

- CONFERENCE DINNER:**
I will also attend the **on-site conference dinner**
at the cost of EUR 70/per person.

- ON SITE OR ONLINE:**
I require **simultaneous interpreting of the presentations** into
English (registration deadline: 25. September 2022)

Name

First name

Department

Email (mandatory)

Phone

Invoice address: Company/name

Street

Post code/city

Date/signature

The general terms and conditions apply.

AGENDA FOR 17.10.2022

TECHNICAL TOUR

Visit of full-scale ozonation at WWTP Friedrichshafen (Germany) and WWTP Morgental (Switzerland)

11:00 am **Departure**
Friedrichshafen, coach and bus parking of Graf-Zeppelin-Haus (GZH) – opposite Hotel Buchhorner Hof | Friedrichstraße

TRIP 1: Coach transfer to the ferry – lake crossing to Romanshorn – visit of WWTP Morgental – return crossing to Friedrichshafen – visit of WWTP Friedrichshafen – return transfer to GZH

TRIP 2: Journey to and visit of the WWTP Friedrichshafen – ferry crossing to Romanshorn – visit of the WWTP Morgental – return crossing to Friedrichshafen – transfer back to GZH

05:15 pm Arrival at GHZ coach and bus parking, opposite Hotel Buchhorner Hof | Friedrichstraße

CONFERENCE DINNER

07:00 pm **Reception**
Restaurant at Graf Zeppelin Museum
Seestraße 22 | Friedrichshafen

07:30 pm **Opening and welcome**
Tobias Reinhardt *DWA Baden-Württemberg regional chapter, Stuttgart*

07:45 pm **Festive speech regarding the 10-year anniversary of KomS Baden-Württemberg**
State Secretary Dr. Andre Baumann *Ministry of the Environment, Climate Protection and the Energy Sector Baden-Württemberg, Stuttgart*

Dinner and get-together

09:45 pm **Festive speech regarding the 10-year anniversary of the VSA Platform**
Dr. Stephan Müller *Federal Office for the Environment, Bern*

11:00 pm **End**

AGENDA FOR 18.10.2022

07:30 am **Arrival**

09:00 am **Opening and welcome**
Boris Diehm
Chairman of the DWA regional chapter, Stuttgart

LEARNING FROM EXPERIENCE
Moderator **Dr.-Ing. Steffen Metzger** *HAMBURG WASSER*

09:15 am **10 years of KomS Baden-Württemberg: success factors and lessons learned**
Dr.-Ing. Marie Launay *KomS Baden-Württemberg, Stuttgart*

09:35 am **10 years of VSA Platform: retrospective, experience and findings from Switzerland**
Dr. Pascal Wunderlin *VSA Platform "Process Engineering Micropollutants", Glattbrugg*

09:55 am **Technical goals and tasks of the German Centre for Micropollutants**
Prof. Dr.-Ing. Adolf Eisenträger | Ines Flügel
German Centre for Micropollutants, Dessau

10:15 am **Round of discussions**

10:25 am **Coffee break**

PROCESS ENGINEERING FOR MICROPOLLUTANT REMOVAL
Moderator **Prof. Dr.-Ing. Ulrike Zettl**
Biberach University of Applied Sciences

10:55 am **Level of knowledge, recent developments, open questions**
Dr. Adriano Joss *Eawag, Dübendorf*

11:15 am **Treatment stage 4+ – synergetic and sustainable approaches for advanced treatment**
Katrin Merkler *KomS Baden-Württemberg, Stuttgart*

11:35 am **Operative monitoring: reaction products, activated carbon in final effluent and treatment efficiency**
Aline Brander *VSA Platform "Process Engineering Micropollutants", Glattbrugg*

11:55 am **Round of discussions**

12:05 am **Lunch break**

ALL PRESENTATIONS WILL BE SIMULTANEOUSLY INTERPRETED INTO ENGLISH ON SITE AND ONLINE

OPERATIONAL EXPERIENCE
Moderator **Aline Brander** *VSA Platform "Process Engineering Micropollutants", Glattbrugg*

01:30 pm **Filtration with granular activated carbon: what is possible and what is not possible (yet)?**
Svetlana Schölzel *Schölzel Consulting, Berlin*

01:50 pm **Operative experience with applying the procedure used in Ulm ("UlmerVerfahren") at the Thunersee wastewater treatment plant (Switzerland)**
Ingo Schoppe *ARA Thunersee, Uetendorf*

02:10 pm **Challenges and successes – 1.5 years of operating full-scale ozonation at the WWTP Friedrichshafen**
Dr.-Ing. Sebastian Platz *Sweco GmbH, Stuttgart*
Vera Kohlgrüber *KomS Baden-Württemberg, Stuttgart*

02:30 pm **Round of discussions**

02:40 pm **Coffee break**

WHAT DOES THE FUTURE HOLD? AN OUTLOOK
Moderator **Stefan Hasler** *VSA, Glattbrugg*

03:10 pm **Further technology development – powdered activated carbon in sequencing batch reactors (PAC SBR)**
Mario Bitsch | Franziska Ehrhardt
Weber Ingenieure GmbH

03:30 pm **Removal of micropollutants from the perspective of water bodies: what is improving?**
Dr. Irene Wittmer
VSA Platform "Water Quality", Glattbrugg

03:50 pm **Micropollutant removal in the EU: where the journey is taking us.**
Oliver Loebel *EurEau, Brüssel*

04:10 pm **Round of discussions | summary**

04:30 pm **End of the event**

GENERAL TERMS

REGISTRATION/DEREGISTRATION

Please send your registration to the DWA Baden-Württemberg regional chapter in writing. The registration fee includes lunch and beverages during the breaks (in the case of on-site attendance). You will receive an invoice of the registration fee to confirm your binding registration. Please do not pay the registration fee until you have received the invoice. Attendance of the conference cannot be split among multiple participants and/or between dates. Partial attendance will not result in a discount. The number of participants in the event is limited. We will consider the registrations in the order they are received.

If you choose to deregister up to 14 days prior to the event, we will reimburse the registration fee minus a 35 Euro processing fee. If you choose to deregister later than 14 days prior to the event, we will have to charge the full registration fee. The full amount is also due if the participant does not attend the event without deregistering beforehand. We reserve the right to amend the agenda.

With the registration, the participants agree to being informed of events, products and services by the DWA Baden-Württemberg regional chapter via email in the future. You may withdraw your consent at any time. We would like to point out that photos and/or videos will be taken during the event. You have the right to withdraw your consent to photos and video recordings for further use. To do so, please contact the event organiser. Please refer to the following hyperlink for further information on the protection of your personal data: www.dwa.de/datenschutz.

REGISTRATION FEE 395 €

including catering and conference papers. Conference dinner including drinks: 70 € per person

EVENT ORGANISER

KomS Baden-Württemberg
c/o DWA-Landesverband Baden-Württemberg
Sabine Schaible-Friedel, Rennstraße 8, 70499 Stuttgart
Phone +49 711 / 89 66 31-0 Email dwa@koms-bw.de

IN COOPERATION WITH

VSA-Plattform »Process Engineering Micropollutants«

EVENT LOCATION

17 October 2022 Technical tour with coach and ferry
18 October 2022 Graf-Zeppelin-Haus Friedrichshafen, Ludwig Dürr Room, Olgastraße 20, 88045 Friedrichshafen

EXCURSION PARTNERS

