

Announcement and Call for Application

Water, Waste & Energy – Environmental and Supply Chain Management (WE-Chain IV)

DAAD International Alumni Seminar

26 April – 3 May 2020, Essen, Germany

followed by a visit to IFAT 2020

4 - 9 May 2020, Munich, Germany

Call for Application

On behalf of the German Academic Exchange Service (DAAD) the Centre for Water and Environmental Research (ZWU) and the Centre for Logistics and Traffic (ZLV) of the University of Duisburg-Essen are hosting an alumni training seminar on the topic of

Water, Waste & Energy – Environmental and Supply Chain Management (WE-Chain IV)

in preparation for the **IFAT 2020** (4 - 8 May 2020 in Munich - www.ifat.de). As the world's leading trade fair for environmental technologies, IFAT very successfully showcases strategies and new solutions for using resources in smart cycles in water, sewage, waste and raw materials management, to ensure they are preserved for the long term. Attending IFAT will give the visitor the chance to find pioneering technologies, innovations, strategies and solutions tailored to meet the requirements of the market in question. In 2018, IFAT attracted 3,305 exhibitors from 55 countries and 142,472 visitors from 162 countries.

The participation at the alumni seminar including the IFAT 2020 is scheduled to take place from 26 April 2020 (day of arrival) to 9 May 2020 (day of departure). The alumni seminar will be held at the University of Duisburg-Essen in Essen.

The content of this alumni seminar has been further adapted and improved based on the feedback of the participants of the previous seminars held in 2014, 2016 and 2018. By bringing together former students and visiting scientists from developing countries at German universities, the alumni seminar enables the exchange of knowledge and experiences on current issues of environmental and supply chain management in the water, waste and energy sector.

Objectives

In recent years there has been increasing attention to environmentally friendly choices into supply-chain management, due to the expansion of economic activity accompanied by growing global environmental concerns, such as climate change, energy security and increasing scarcity of resources. To address these emerging challenges, sustainable resource management strategies should be implemented to reduce energy consumption along the supply chain.

By focusing on interdisciplinary and integrated urban management, the seminar aims to transfer knowledge of water, waste and energy for a holistic understanding of sustainability at urban scale. Various supply chain management concepts and strategies will be illustrated in the seminar.

With direct reference to the world's leading trade fair for environmental technologies IFAT 2020, the alumni seminar will approach five main topics:

- Water resources management
- Water and wastewater treatment
- Waste removal and recycling
- Energy generation from waste
- Soil remediation

The program is of interest for motivated Germany alumni from developing countries of all relevant areas like Engineering, Biology, Chemistry, Agriculture, Environmental and Medical Sciences, Water, Waste and Energy Management; Supply Chain Management; Sustainability Research etc.

The seminar is offered by the German Academic Exchange Service (DAAD) in the framework of the program Alumni Special Projects (www.daad.de/alumni-special-projects). The costs will be mainly covered by funds from the DAAD provided by the German Federal Ministry for Economic Cooperation and Development (BMZ).

Agenda

The agenda of this alumni seminar will include a mixture of keynote and introductory talks by experts from universities and industry, presentations of best practice examples, presentations by Alumni, group work (workshops) and technical as well as cultural excursions.

The lectures and talks will be given

- by experts from the University of Duisburg-Essen, the Hochschule Ruhr West – University of Applied Sciences (HRW) and the Radboud University Nijmegen, Netherlands,
- by experts from the regional water boards Ruhrverband and Emschergenossenschaft and from the water/energy industry,
- and by representatives from the Ministry for Environment, Agriculture, Conservation and Consumer Protection of the State of North Rhine-Westphalia

The workshops are being coordinated by Rüdiger Heidebrecht from the German Association for Water, Wastewater and Waste e.V. (DWA) and by a representative of the ZENIT GmbH.

The content of the seminar is organized around crosscutting themes such as water and energy, waste and energy and regulation frameworks. The final program in Essen will be published once all applications have been reviewed.

We would like to draw special attention to the **Conference Waste-Water-Women**, organised by the German Association for Water, Wastewater and Waste (DWA, Germany). The conference will take place on 5 May 2020 from 11:15 am to 1:00 pm, closing with a networking session at DWA's booth from 1:00 pm to 3:00 pm. Simultaneous translation into English will be provided. Further information about the conference to follow closer to the event.

All female applicants are invited to speak at the conference. Please prepare a short answer to the following questions, if you would like to apply:

- * What are you working on (current working project)?
- * What exactly would you report about at the Conference Waste-Water-Woman?

Travel dates

We offer a 6-day program in Essen, starting on Monday, 27 April 2020. The expected arrival day for the alumni will be Sunday, 26 April 2020. After being transferred to Munich on Sunday, 3 May 2020 the second part of the program will be starting with the visit to IFAT from the 4 to 8 May 2020.

Arrival in Essen	26 April 2020
Seminar at the University of Duisburg-Essen	27 April to 2 May 2020
Travel to Munich	3 May 2020
Visit to IFAT 2020	4 to 8 May 2020
Departure from Munich	9 May 2020

Eligibility criteria for participation

To be eligible to participate, the applicant must meet all of the following requirements at the time of the application:

- **Resident** in a DAC-listed country
- Postgraduate with an energy/water-related background (engineering, natural sciences)
- Former stay in Germany for purposes of study or research for a **minimum of 3 months**
- Scientist or professionally interested in multiplying the acquired skills and knowledge in his/her home country
- Adequate language proficiency, which is essential to actively participate in the workshops and discussions as the seminar will be held in English
- **Full attendance of the program** (27 April – 8 May 2020)
- Maximum of 2 participations in Alumni Special Projects within 4 years (The year of participation, not the year of application, is decisive for the calculation.)

Cost coverage

DAAD will cover the following costs associated with the DAAD International Alumni Seminar:

- Accommodation and **partial** living expenses during the stay in Essen and Munich
- Travel health insurance (max. 30 Euro) and visa costs (max. 30 Euro)
- Entrance fees and transport to the sites visited
- Entrance fee for IFAT 2020 in Munich
- Transfer to Munich
- Reimbursement of **travel costs** up to a maximum of:
 - Latin America: 1,290,- Euro
 - Middle East: 600,- Euro
 - Africa: 813,- Euro
 - Asia: 1,200,- Euro
 - Eastern Europe: 434,- Euro

Travel costs include

- International return ticket to and back from airport in Germany (Determinative is the lowest economy class airfare available. Participants are required to provide two comparative quotes.)
- Train ticket (2nd class): Airport of arrival to venue in Essen – preferably Rail and Fly
- Train ticket (2nd class): Venue in Munich to the airport of departure – preferably Rail and Fly

Please note: All other costs, such as costs for transportation between the participants' hometown and the home airport or travel costs for visa application in the home country, have to be borne by the participants.

Extension of stay for personal reasons is only possible up to 5 working days after the trade fair. All extensions beyond 5 days must be of scientific, educational, professional or business nature. **Prior approval** for an extension of stay by the organisers is mandatory.

Travel costs shall not increase due to the extension. Therefore, the participant is required to submit a comparative quote of the total airfare. It is necessary to provide supporting documents (program and details of contact persons at universities, organizations, institutions, companies etc.) to legitimise an extension of more than 5 days.

Additional travel and subsistence expenses relating to an extension of stay must be covered by the participant. Please keep in mind, that extended accommodation, health insurance etc. will not be arranged by the organisers.

Application

To apply for the International DAAD International Alumni Seminar, please complete the online application form and provide the following supporting documents:

- **Abstract** (1 page max.) with your research profile / interests
- A **short CV** including **photograph** (passport size photo)
- **Proof of stay** in Germany for purposes of study or research for a **minimum of 3 months**
- **Online application form** (www.uni-due.de/zwu)
 - Complete and print out the online form
 - Sign the document, scan and create PDF

By submitting the application, the applicant agrees to contact details (name, organization, email) being given to selected company representatives and to pictures taken during the program being published on the DAAD website after the event. Furthermore, the participants are requested to attend the full program namely the seminar, the visit of the IFAT fair and the social / cultural activities.

Please note: The participant's eligibility will be determined by the completeness of the personal data provided in the online application form and the supporting documents.

Deadline for application: 15 January 2020.

After the review by the local organizing committee and DAAD, selected participants will be notified by end of January 2020.

For further questions, please contact

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