

Announcement and Call for Application

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

International DAAD Alumni Seminar

7th - 12th May 2018, Essen, Germany

followed by a visit to IFAT 2018

14th - 18th May 2018, 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 a DAAD Alumni Seminar on the topic of

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

in preparation for the **IFAT 2018** (14th-18th May 2018 in Munich - www.ifat.de). IFAT is the World's Leading Trade Fair for Water, Sewage, Waste and Raw Materials Management. 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 2016, IFAT attracted 3,087 exhibitors from 59 countries and 136,885 visitors from 168 countries.

The participation at the Alumni Seminar including the IFAT 2018 is scheduled to take place from 6th May 2018 (day of arrival) to 19th May 2018 (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 two Seminars held in 2014 and 2016. 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 IFAT 2018, 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 Alumni from 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 Emschergerossenschaft 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 workshop is being coordinated by Rüdiger Heidebrecht from the German Association for Water, Wastewater and Waste e.V. (DWA) in Hennef.

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.

Travel dates

We offer a 6-day program in Essen, starting on Monday, 7th May 2018. The expected arrival day for the Alumni will be Sunday, 6th May 2018. After being transferred to Munich on the 13th May 2018 the second part of the program will be starting with the visit to IFAT.

Arrival in Essen	6 th May 2018
Seminar at the University of Duisburg-Essen	7 th to 12 th May 2018

Travel to Munich	13 th May 2018
Visit to IFAT 2016	14 th to 18 th May 2018
Departure from Munich	19 th May 2018

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 'developing' country (DAC-listed country)
- Postgraduates 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** (May 7th - May 19th 2018)

Cost coverage

- International return ticket to and back from airport in Germany. Reimbursement of costs up to a maximum of:
 - Latin America: 1,290,- Euro
 - Middle East: 589,- Euro
 - Africa: 813,- Euro
 - Asia: 1,034,- Euro
 - Eastern Europe: 434,- Euro

Determinative is the **lowest possible economy class** airfare.

- Train tickets (2nd class): Airport to venue in Essen – preferably Rail and Fly
- Accommodation and partial living expenses during the stay in Essen and Munich
- Entrance fees and transport to the sites visited
- Travel health insurance (max. 30 Euro) and visa costs
- Transfer to Munich and transfer from Munich to the airport of departure
- Entrance fee for IFAT 2018 in Munich

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.

Application

If you are interested, please send your **application** in one **single pdf-file** by including the following documents:

- Application form (download from www.uni-due.de/zwu/ifat2018) which includes the following information:
 - What do you expect to learn during the Alumni Seminar and the trade fair and how will you personally and professionally benefit from the participation?
 - What are your current position and work responsibilities, and what topics related to the Seminar are especially important to you?

- How are you planning to imply the results of our discussions into your present and upcoming projects and what stakeholders are you planning to work with in the future?
- Which companies / institutions / organizations do you like to meet at IFAT 2018? Please mention names and topics.
- 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**

The PDF-document with a total of max. 5 pages should be saved according to the following format: 'Last name_First name_country' (e.g. Eisinger_Michael_Germany).

If you have already registered for IFAT 2018, please insert this information in your application form – however, this **does not affect your eligibility as participant** of the alumni seminar.

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

Deadline for application: 19th of February 2018. Please send your application **by email** to:

Dr. Michael Eisinger
University of Duisburg-Essen
Centre for Water and Environmental Research (ZWU)
Universitätsstraße 2
45141 Essen
Germany
zwu@uni-due.de

After the review by the local organizing committee and DAAD, selected participants will be notified by 15 March 2018 or earlier.

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.

For further questions, please contact

Ms. Anja Cargill

Email: **Anja.Cargill@uni-due.de**

Essen, January 2018



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