## Lecturers

**University of Applied Sciences Magdeburg-Stendal, Germany**
Department Water, Environment, Construction and Safety

***Prof. Dr.-Ing. Jürgen Wiese***
Prof. for Urban water management
- focus wastewater technologies

***Prof. Dr.rer.nat. Petra Schneider***
Prof. for international water management

***Dipl.-Ing. Kirstin Neumann***
Laboratory Engineer
- focus wastewater

**University of Applied Sciences Hof, Germany**
Institute for water and energy management

**Dr. Harvey Harbach**
Head of Research Group Resource-efficient Food Production in integrated Aquaculture

**Industrial University of Ho Chi Minh City, Vietnam**
Institute of Environmental Science, Engineering and Management

**Assoc. Prof. Dr. Le Hung Anh**
Director

**Assoc. Prof. Dr. Luong Van Viet**
Lecturer

**VNU-HCM University of Science, Vietnam**
Faculty of Environment

**Assoc. Prof. Dao Nguyen Khoi**
Dean

## Conditions of participations

Bachelor or master graduates with at least a good degree, as well as PhD students and young scientist with a masters degree from the Asian region with a discipline in environmental and civil engineering, waste management, biogas.

**Participation is limited to 25 attendees.**

## Application deadline

**30th of April 2022**

**Application via e-mail to:**

lehunganh@iuh.edu.vn
Assoc. Prof. Dr. Le Hung Anh
(Project manager Vietnam)

**and/or**

kirstin.neumann@h2.de
Kirstin Neumann
(Project manager Germany)

**Application documents**
► Curriculum Vitae,
► Letter of motivation,
► Final grade certificate
► Description of the research interests

*1. Summer School*

*Sustainable Environmental Technologies
(supported by the DAAD)*

*4th of July - 20th of July 2022*
*At the*
*Industrial University of Ho Chi Minh City*
*in cooperation with the*
*University of Applied Sciences Magdeburg-Stendal*

## Aims

Participants of the Summer School get the possibility to gain basic knowledge about sustainable production technologies.
The lectures are focussed on the necessity of water reuse, using waste for energy production and sustainable aquaculture in context to deal with the consequences of climate change.
The Summer School will present current studies and research on these topics. For those who are interested in a research stay in Germany, comprehensive information on study and research opportunities will be provided.

The programme was jointly developed by the two partner universities IUH and H2 Magdeburg-Stendal and is adapted to their study opportunities.



Aerial view Hochschule Magdeburg-Stendal (Photo:Böse)

The programme includes lectures, excursions, project work and German-Vietnamese cultural events.

## Extract from the Summer School Programme

- Climate Change – Water management in Vietnam and challenges for water management, drought forecasting and measures
- Basics for wastewater treatment and wastewater treatment processes
- Aquaculture - models of operation, requirements and possibilities
- Aquacultures in Vietnam and Germany - differences, similarities, management
- Residues from aquaculture facilities/energetic utilisation/basics, biogas production
- Closing material cycles in plants under the aspect of energy and water saving
- Possibilities of synergies of different economic sectors using the example: aquaculture, agriculture - fish processing
- Wastewater as a nutrient resource and approaches for water reuse, processes for water reuse and water reuse in aquaculture plants
- Current challenges in Vietnam – reports of Vietnamese practice partners
- Information about study and research in Germany including application modalities
- Information about support services through international offices and DAAD-programmes
- Excursions to different aquaculture plants
- Excursion related to water management and climate change aspects
- Several cultural events

## What do You need?

- Interest in modern approaches for sustainable environmental technologies
- Interest in a stay abroad and international networking
- Interest to improve the environmental situation in Vietnam and worldwide
- Good English skills



Aquaculture facility (Photo: Schneider)



Monsoon in HCMC (Photo: Schneider)