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:

lehunghanh@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
### 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.

### 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