

Summer School on Sustainable Waste Management in Emerging Economies – under the special aspects of Climate Change and Marine Litter

July 24 – August 2, 2017 / Braunschweig, Germany



Overview

The summer school on “Sustainable Waste Management in Developing Countries and Emerging Economies” will take place in Braunschweig, Germany from July 24th to August 2th, 2017. The Leichtweiß-Institut (LWI), Department Waste and Resource Management of the Technical University Braunschweig organises this international and interdisciplinary summer school. We are expecting lectures and participants from Germany and foreign countries. The summer school is part of the project Exceed-Swindon project within the ongoing programme “Excellence Centre for Development Cooperation” (EXCEED), funded by the German Academic Exchange Service (DAAD). This year’s Exceed-SWINDON summer school’s topic is on “Sustainable Waste Management in Emerging Economics – under the special aspects of Climate Change and Marine Litter”. Speakers at the summer school will present basics and tailor-made solutions for waste management. Feasible solutions are always depending on social/cultural, economic and climatic conditions of the specific location.

Objectives

The focus of this year’s summer school is the discussion of problems in waste management in conjunction with climate change as well as marine litter and elaboration of tailored solutions for developing countries and emerging economies. Special emphasis is laid on sustainability aspects and how they can be reached. During the keynote session speakers will highlight basics and special aspects on waste management while paying attention to special application examples. In the following the participants are asked to present their research projects. Afterwards, the opportunity is given to deepen different topics while identifying special problems and working on possible solutions in small working groups. The results of the working groups will be presented and published in the workshop proceedings. The summer school will end with a field trip to different waste treatment plants in Northern Germany

Topics

The main topics will be:

- Transport and logistics of municipal solid waste
- Waste collection and city cleaning
- financial aspects of municipal solid waste
- Public relations (e.g. education, marketing)
- Waste management and climate change
- Marine litter: problems and solutions
- Adapting solutions in waste management for rural and urban areas

The main topics of the summer school will be introduced by keynote speakers.

Student applicants are asked to submit extended summaries (see template in the announcement) of their presentations dealing with the abovementioned topics. The contents of the presentations and extended summaries should follow the following objectives:

- Explanation of the context to the topics of the Summer School
- Problem description
- Social, ecological, economical and environmental effects
- Suggestions for suitable solutions

Workshop Organization

The workshop will take place in Braunschweig, Germany. The Institute of Waste and Resources Management at Technical University of Braunschweig will host the workshop in Braunschweig within the framework of Exceed project that is funded by the German Academic Exchange Services (DAAD).

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SCHEDULE

Day	Date	Activity
Sunday	23.07.2017	ARRIVAL
Monday	24.07.2017	Keynote Oral presentation of participants
Tuesday	25.07.2017	Keynote Oral presentation of participants
Wednesday	26.07.2017	Field trip
Thursday	27.07.2017	Keynote Oral presentation of participants
Friday	28.07.2017	Field trip
Saturday	29.07.2017	Free time
Sunday	30.07.2017	Free time
Monday	31.07.2017	Keynote Oral presentation of participants
Tuesday	01.08.2017	Working Groups
Wednesday	02.08.2017	Working Groups / Presentation of the Working Groups / Summary / Output
Thursday	03.08.2017	DEPARTURE

Target Audience:

The participants expected are preferably advanced master students, PhD-students, post-docs interested in acquiring knowledge and competence in waste management.

Number of participants:

The number of participants is limited to 19. Candidates from the SWINDON/exceed partner universities are to be given first priority. Practitioners, decision-makers and trainers intending to transfer the acquired knowledge and skills directly into engineering of integrated systems will also be given priority.

Student applicants are asked to submit extended summaries (**upload and apply the template file mentioned in the announcement:** <http://tubs.exceed-swinton.org/announcements/>) of their presentations dealing with the topic of the summer school. **Deviation from the template will not be accepted.**

Application:

Please apply online until **March 31, 2017** under:
<http://tubs.exceed-swinton.org/apply-for-summer-school/>

Each candidate will be informed about the outcome of his/her application **before End of April 2017**.

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Contact Organising Institution:

TU Braunschweig
Institute of Waste and Resources Management
Beethovensr. 51a
D-38106 Braunschweig, Germany
Email: isww@tu-braunschweig.de
Tel.: +49 531 391 3970

Venue:

Leichtweiß-Institut
Beethovenstr. 51a
38106 Braunschweig, Germany

TU Braunschweig EXCEED Head Office:

Prof. Dr. Andreas Haarstrick
Scientific Coordinator
Excellence Center for Development Cooperation
Sustainable Water Management
Beethovenstraße 51a
D-38106 Braunschweig, Germany
Email: coordination-exceed@tu-braunschweig.de
Tel.: +49 531 391 3935

Internet:

www.exceed-swindon.org

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