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Theme-based training of teaching staff for acquiring new teaching and learning methods WP 2.5

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University of Natural Resources and Life Sciences BOKU, Vienna

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University of Nis



www.swarm.ni.ac.rs

**Strengthening of master curricula in water resources
management for the Western Balkans HEIs and stakeholders**

Project number: 597888-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Schedule

- Tuesday 4th until Thursday 6th of February 2020
(Travelling dates: 3rd and 7th of February 2020)
- University of Natural Resources and Life Sciences, Vienna (BOKU)
- 3 Sessions
 - New teaching and learning methods
 - Excursion
 - Water-related higher education

Session 1

New teaching and learning methods

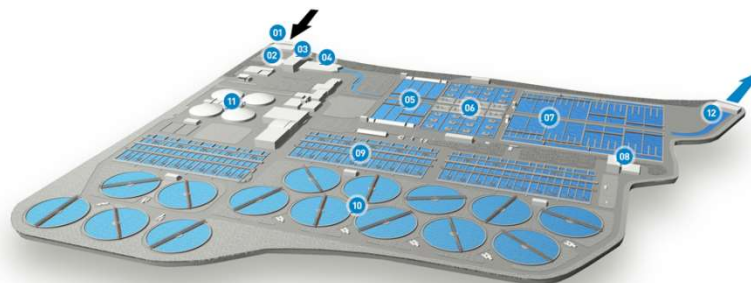
(Draft)

Tuesday, 4 th February 2020		
Vienna, Muthgasse 107		
New teaching and learning methods		
09:15-09:30	Registration of SWARM participants	
09:30-09:45	Welcome address	Dr. Tritthart, BOKU
09:45-12:15	Innovative teaching practices	Dr. Weber, BOKU
12:15-13:00	Lunch	
13:00-17:30	Online learning methods	Dr. Weber, BOKU



Session 2 *Excursion* (Draft)

Wednesday, 5 th February 2020	
Vienna, Wien Mitte – Landstraße	
Excursion	
09:15	Meeting point Wien Mitte - Landstraße
10:00-12:00	Tour Waste Water Treatment Plant of Vienna
12:00-13:00	Lunch break
13:00-15:00	Tour hydro power plant Freudenuau
15:00-15:30	Transport to Wien Mitte




01 GRAVEL TRAP	04 SAND TRAP	07 INTERMEDIATE SETTLING	10 FINAL CLARIFICATION TANKS
02 SCREW PUMP FACILITY	05 PRIMARY SEDIMENTATION	08 INTERMEDIATE PUMPING STATION	11 SLUDGE THICKENERS
03 SCREENING PLANT	06 AERATION TANKS STAGE 1	09 AERATION TANKS STAGE 2	12 DISCHARGE





Session 2 *Excursion*

Instructions for WWTP tours

	Unterweisung für Führungen (englische Version)	Formular Nummer: =A & BQC077 Version: 6
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We are very pleased that you have taken an interest in our facilities and our tasks, which we conscientiously operate and perform in the interest of the city of Vienna and its inhabitants. We want to introduce you to some guidelines for tours of an operational wastewater treatment plant that have to be observed and adhered to.

Instructions for plant tours

For tours of the Vienna Main Wastewater Treatment Plant, the following guidelines should be adhered to:

- A sturdy pair of shoes and robust clothing should be worn.
- During the tour, smoking is strictly forbidden on the whole plant.
- Instructions given by the tour guide must be followed. Noncompliance may result in a cancellation of the tour.
- During the tour, the group is required to stay on the designated paths (roads, ...). Climbing up buildings is strictly prohibited.
- The applicant has to provide his own supervisory personnel for the tour. For larger groups (school classes, excursions, etc.), it has to be ascertained that there is at least one supervisor at the front and back of the group. In general, the applicant has to provide at least one supervisor per 15 participants. For school classes between the 6th and 8th form (= ages 12 to 14), one supervisor has to be provided for a group of 10 children. For each additional group of 10 children, another supervisor is required.
- Cases of human injury or of damage to plant property must be reported to the tour guide immediately.
- Restricted areas must not be entered.
- Switches, buttons, valves etc. must not be operated.
- Taking photographs and filming during tours is not allowed.

Furthermore, it has to be pointed out that special hazards and loads, especially concerning hygiene, exist within wastewater facilities. Therefore, direct contact with waste water, sewage sludge, waste material and contaminated facilities has to be avoided. Contaminated clothes or limbs have to be cleaned immediately (e.g. washing hands).

To ensure a smooth proceeding of the tour for both sides, we kindly ask you to inform the tour participants about the aforementioned guidelines and safety instructions.

We hereby confirm that I/we have been informed about the aforementioned guidelines.

Group..... Country.....
 Date of tour..... Date, Signature and name in block capitals.....

We ask you to complete this form and fax it to the following number: +43/1/76099/5800, if possible before attending the tour. If you are not able to do so, please, at the latest, hand it to the guide on the day of the tour.

Ersteller: Isabella Plank

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Please sign the distributed forms



Session 3

Water-related higher education

(Draft)

Thursday, 6 th February 2020		
Vienna, Muthgasse 107		
Water-related higher education		
09:15-09:30	Registration of SWARM participants	
09:30-10:00	eLearning exercises and tests	DI <u>Wildt</u> , BOKU
10:00-10:30	TBD	TBD
10:30-12:00	Lab and pilot facilities tour	
12:00-12:30	General discussion and closing meeting	

Contact information

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Department of Water, Atmosphere and Environment (WAU)
Institute of Hydraulic Engineering and River Research (IWA)



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