



## Second training





- AASKM in Leposavic
- 38 participants
- The participants were from the local companies, STO, Fire department, Public Utility Company, Leposavic Municipality



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



## Third training

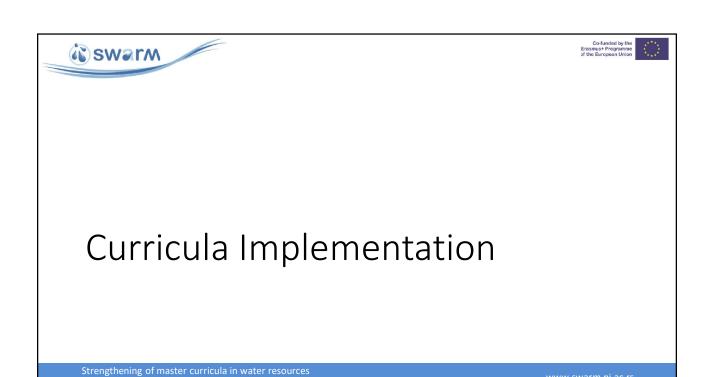


- · Kosovska Mitrovica
- 32 participants
- The participants were from Municipalities, Departments for Environment, water and forestry, Local Water companies, Units for emergence situations, Trepca company, Public utility companies



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





management for the Western Balkans HEIs and stakeholders





# Enrolled students — survey 1 November Co-funded by the Enrolled students



Limitrovoitus	Chabus						
University	Status						
	15 September 2020	Update 23 June 2021	Update 10 Sept 2021				
UoNiš	15 students at BSc – June 2021 / 5-10 MSc end of 2020 / locked until accreditation / 50:50	Program accredited. Call for BSc is ongoing. Planned 10 BSc. Oct-Nov 10 MSc	Enrolled 19 students at BSc Oct: first generation of MSc (10 is the target)				
UoNoviSad	4-5 MSc/year – enrolment in process by end of October 2020 / online, not clear how	3 MSc 2020-2021, 3 from the previous year					
UoSarajevo	15 MSc – enrolment by end of 2020 / 50:50	7 (I year), 17 (II year)	End of Sept: (1 <sup>st</sup> year) 6 students of MSc (2 <sup>nd</sup> year)				
UoMostar	10 MSc – enrolment by October 2020 / ???	Enrolment started – planning 10 MSc	Enrolment in progress – by the end of Sept-mid Oct				
UoPriština	Follow up email	10 BSc + 16 MSc (2020-2021)	14 BSc enrolled (inprogress=				
CollUrosevac	15 students, awaiting accreditation	10 Spec; in the process of accreditation	Sept-Oct				
UoMontenegro	5 students	20 places, min 10 enrolled	20 MSc for 2021 by 10 <sup>th</sup> Oct				





## Winter / summer schools

	Work Package and Outcome ref.nr	6.5.			
	Title	Winter/summer schools organised			
	Туре	☐ Teaching material			
		☐ Learning material	□ Report		
Expected		☐ Training material	☐ Service/Product		
Deliverable/Results/ Outcomes	Description	The students' short-time mobility from WB to EU partner HEIs is planned. Three winter (Bainuary 2021 — U AGNIH, FEDWARY 2021 — UNININCE) and three summer schools june 2021 — NMBU and BOKU, July 2021 — UACKGI in duration of 5 days will be organized with a participation of 13 WB students per school. The schools will be organized with a principation of 15 WB.			
Strengthening of ma		r resources management for th akeholders/SWARM Page 122 of 170	e Western Balkans HEIs and		

Selected students from each WB HEI will visit EU partner HEIs, attend lectures/exercises, compare teaching/learning methodologies in the HEI of origin and acquired knowledge with the teaching/learning methodology in EU partner HEIs and knowledge and skills of students from EU. The teaching staff from EU partner HEIs will define topics in line with applying innovative techniques in water resources management. During the same period 17 teaching staff from WB partner HEIs will be trained how to use up-to-date laboratory equipment and software purchased during the SWARM project realization.

14-09-2021

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

#### Format of the Summer School 2021

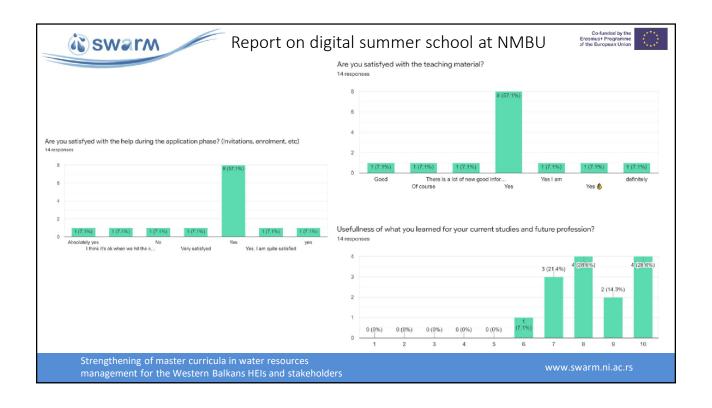
- Online lectures + workshops (June 2021)
- Participants of the online course: 1 week in November - decision in October (5 days funded from SWARM + co-funding from NMBU)

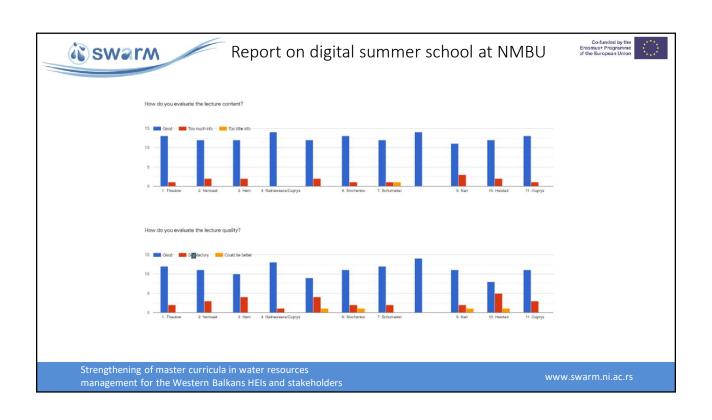
#### • 2 students participate from SWARM project:

UPKM		Isidora Lazović			isido	isidora.lazovic474@gmail.com			
LICAL		Daria Ilić			daria	dariailic23@gmail.com			
265	357	183	153	177	150	178	118	325	
	385	184	152	117	150	181	117	310	

The list of WB staff per institution

BOKU- UNMO (1), TCASU (1), UoM (1); UACEG - UNI(2), UPKM(1); UL - UNS(1),UNSA (1), UoM (1); AUTh - UNI (2), UNSA (1); UNIRIFCE - UNI (2), UPKM (1); NMBU -UNS (1), UNMO (1)







### Report on digital summer school at NMBU



What is your overall impression of the course?14 responses

I have only positive emotions after the course, I learned a lot and improved my English level At first, I had the impression that there was a very difficult job ahead, but as I got acquainted with the material and the teachers, it was very interesting, and the learning process itself was delayed due to interest.

Great, good work

Every thing were fine

generally, I liked the way lectures was represented. I mostly enjoyed participating in group work such as games and discussion.

It was interesting experience

Wonderfu

I got pleasure during the course, I met many students and professors who did not recognize

Great course with a lot of useful information, but lack of practical work due to quarantine

Honestly, sometimes it was boring But It was interesting when we played games and spoke with students

I liked the attentiveness of the teachers and their willingness to answer questions It was good. It has expanded my current knowledge a bit and gave practical skills with programs I've never used before. If I was still getting my bachelor's degree I would've learnt more because some information from course I've only learnt in my master's year. It was nice to connect general knowledge about some subjects I've got in university with water treatment during this course. Also I liked that lecturers were trying to engage audience to participate in discussions at lectures and gave time to prepare instead of keeping talking to black screen or waiting for immediate response.

Well organized and useful course

I was very happy with the educational process. I was glad to meet interesting people and even make new friends.

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

www.swarm.ni.ac.rs



### Autumn-Winter school 2021



## Glocal Adaptation of Nanotechnologies in Water Treatment

Joint course by:





Established with support from:





\*Glocal = A glocal approach means presenting global knowledge within a local context. It encapsulates the concept 'think globally, act locally'.

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



### What is COIL?





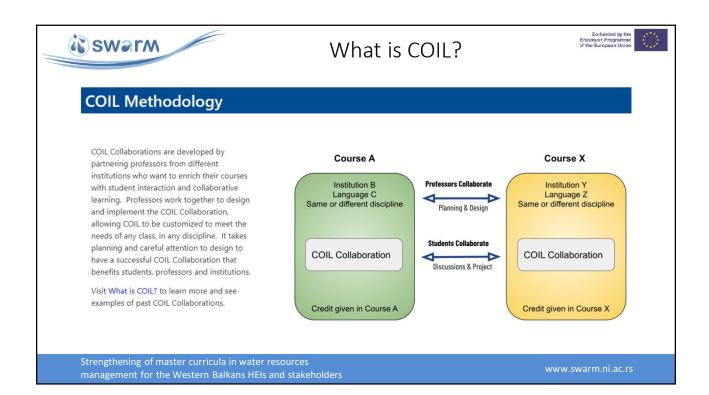
**Collaborative Online International Learning (COIL)** connects students and professors in different countries for collaborative projects and discussions as part of their coursework.

COIL Collaborations between students and professors provide meaningful, significant opportunities for global experiences built into programs of study. COIL enhances intercultural student interaction through proven approaches to meaningful online engagement, while providing universities a cost-effective way to ensure that their students are globally engaged.

The SUNY COIL Center pioneered the COIL model more than 15 years ago, and has been helping professors and institutions realize the power of COIL ever since.

We invite you to explore our website and learn about the possibilities when you bring COIL into your teaching and learning practice.

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





### NMBU-SUNY module



#### · Goals of Module:

By the end of this module the successful student will understand how sustainable nanotechnologies are used in water treatment from a glocal\* perspective.

#### · Learning Outcomes:

- 1. Define water pollution as an element of environmental engineering.
- 2. Demonstrate how Norway, the EU and the U.S.A. address water pollution
- 3. Attain multiple perspectives on water treatment and management
- 4. Explain how micro pollutants in water can be managed using sustainable nanotechnologies.

#### • Online Intercultural Competencies:

- 1. Students will develop intercultural awareness
- 2. Students will develop virtual intercultural interaction skills
- 3. Students will develop global collaborative skills

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

www swarm ni ac rs





## **Enrolment requirements**

- If you have taken THT311, then you are eligible for the SUNY.SB-NMBU certificate and 3 ECTS NMBU certificate
- If you have not taken THT311, then are eligible only for the SUNY.SB-NMBU certificate (no ECTS)
- Enrolment process:
  - Please send an email to Susuann with student name, email, university and year of study (xth year in MSc etc)

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





### Course structure & dates

- 20<sup>th</sup> September: deadline for formal enrolment at NMBU (with ECTS)
- 20<sup>th</sup> October: without formal enrolment but with project certificate must have support letter from the teacher from the partner university
- · 25 Oct (Monday): meet & greet
- 26 Oct (Tuesday): Assignment 1: Discussion board upload about yourself/college/country etc
- 27 Oct: (Wed) 2 lectures (Lecture 1: Elements of environmental engineering and science: water pollution & Lecture 2: Global cases of water pollution)
- 29 Oct (Friday): 2lectures (Lecture 3: Surveillance and management of emerging micropollutants in water using nanotechnologies & Lecture 4: Using nanotechnologies for water and wastewater treatment processes
- 5 Nov (Friday): Assignment 2 (Essay 1500 words + 4 PPT slides)
- 20<sup>th</sup> Jan (Thursday): Assignment 3 extended project report on nanotechnology in water (4000 pages, 12-15 pages)
- Two certificates:
  - SUNY.SB-NMBU "Joint certificate of completion": completes with the submission of short essay on 5<sup>th</sup> Nov
  - 3 ECTS certificate from NMBU: work completes with the submission of an extended essay

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