

Monday 15.11.2021. Water management BOJANA HORVAT	Tuesday 16.11.2021. Drinking water supply BARBARA KARLEUŠA	Wednesday 17.11.2021. Flood protection and torrents BOJANA HORVAT	Thursday 18.11.2021. Drainage (waste water and storm water) in urban/rural areas BARBARA KARLEUŠA	Friday 19.11.2021. Synthesis and discussion BARBARA KARLEUŠA BOJANA HORVAT
9:00-13:00 Lectures: Introduction Water management in Croatia Harmonization with EU directives Water management institutions/agencies: Hrvatske vode International commissions for protection of major river basins (ICPDR, ISRBC)	9:00-13:00 Lectures: Introduction Water supply systems Management of WSS Presentation of WSS in Croatia - Rijeka and Istria Challenges in (future) water supply (DRINKADRIA project)	9:00-13:00 Lectures: Introduction Types of floods Flood mapping Flood hazard and flood risk INSPIRE Directive: spatial data sharing Presentation of DAREFFORT Interreg project (Danube River Basin Enhanced Flood Forecasting Cooperation)	 9:00-13:00 Lectures: Introduction Drainage systems (waste water and storm water) Management of DS Presentation of DS in Croatia - Rijeka and Istria Challenges in (future) drainage in urban/rural areas (RAINMAN project) 	 9:00-13:00 Student presentations: During previous 4 days students have to prepare for each day a presentation on that day topic regarding their country / city /region Those presentations are held by students on Friday and based on all material analysed there is a
13:00-14:00 Lunch break	13:00-14:00 Lunch break	13:00-14:00 Lunch break	13:00-14:00 Lunch break	13:00-14:00 Lunch break
14:00-16:00 Student work	14:00-16:00 Student work	14:00-16:00 Student work	14:00-16:00 Student work	14:00-16:00 Student work
16:00-17:00 Discussion	16:00-17:00 Discussion	16:00-17:00 Discussion	16:00-17:00 Discussion	16:00-17:00 Discussion

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Winter school at UNIRIFCE - AGENDA					
Monday	Tuesday	Wednesday	Thursday	Friday	
22.11.2021.	23.11.2021.	24.11.2021.	25.11.2021.	26.11.2021.	
Coastal engineering	Climate change and water	Hydraulic structures: Dams	Synthesis and discussion	Laboratory work	
IGOR RUŽIĆ	management	and reservoirs	BARBARA KARLEUŠA	ELVIS ŽIC	
NINO KRVAVICA	BOJANA HORVAT	BARBARA KARLEUŠA	BOJANA HORVAT		
9:00-13:00 Lectures: Introduction to coastal engineering Presentation of interesting coastal projects in region (marina, port and beach) Advances in using UAV and photogrammetry for coastal monitoring	9:00-13:00 Lectures: Introduction Climate change/variations and its impact on water resources Mitigation measures Green infrastructure Presentation of Danube Floodplain Interreg project	 9:00-13:00 Lectures: Introduction Dams and reservoirs Hydropower (HP) plants and HP systems Presentation of interesting HP and other systems with dams and reservoirs in Croatia 	 9:00-13:00 Student presentations: During previous 3 days students have to prepare for each day a presentation on that day topic regarding their country / city //region Those presentations are held by students on Thursday and based on all material analysed there is a structured discussion 	 9:00-13:00 Lectures: Introduction Presentation of hydraulic laboratory for research and for teaching (several examples from the hydrotechnical practicum) Application of physical modelling in Fluid Mechanics 	
13:00-14:00 Lunch break	13:00-14:00 Lunch break	13:00-14:00 Lunch break	13:00-14:00 Lunch break	13:00-14:00 Lunch break	
14:00-16:00 Student work	14:00-16:00 Student work	14:00-16:00 Student work	14:00-16:00 Student work	14:00-16:00 Student work	
16:00-17:00 Discussion	16:00-17:00 Discussion	16:00-17:00 Discussion	16:00-17:00 Discussion	16:00-17:00 Discussion	
Strengthening of master curricula in water resources management					
for the Western Balkans HEIs and stakeholders www.swarm.ni.ac.rs			www.swarm.ni.ac.rs		









	swar	M	Co-funded by the Eraomuse Programme of the European Union
		Tuesday, 16 th November 2021	
		University of Rijeka, Faculty of Civil Engineering (UNIRIFCE) - ONLINE Winter school – 1 st week / 2 nd day TOPIC: DRINKING WATER SUPPLY	
	09:00-13:00 13:00-14:00 14:00-16:00 16:00-17:00	Lectures: Introduction Water supply systems (WSS) Anagement of WSS Presentation of WSS in Croatia - Rijeka and Istria Challenges in (future) water supply (DRINKADRIA project) Lunch break Student work (research and preparation of presentation) Discussion	
Strength for the V	nening of mast Western Balka	er curricula in water resources management ns HEIs and stakeholders	www.swarm.ni.ac.rs





	swarn	Co-funded by the Erasmus+ Programme of the European Union	
		Monday, 22 nd November 2021	
		University of Rijeka, Faculty of Civil Engineering (UNIRIFCE) - ONLINE	
	Winter school – 2 nd week / 1 st day		
		TOPIC: COASTAL ENGINEERING	
		Teacher: Igor Ružić, Nino Krvavica	
, i	09:00-13:00	Lectures:	
		 Introduction to coastal engineering 	
		 Presented of interesting coastal projects in region (marina, port and beach) 	
		 Advances in using UAV and photogrammetry for coastal monitoring 	
	13:00-14:00	Lunch break	
	14:00-16:00	Student work (research and preparation of presentation)	
	16:00-17:00	Discussion	
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for the We	estern Balkans	HEIs and stakeholders www.swarm.ni.ac.rs	

















