



"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952396".



УНИВЕРЗИТЕТ У БАЊОЈ ЛУЦИ  
UNIVERSITY OF BANJA LUKA

## Promoting SMART agricultural WATER management in Bosnia and Herzegovina - SMARTWATER

# SMART WATER

PROMOTING SMART AGRICULTURAL WATER MANAGEMENT  
IN BOSNIA AND HERZEGOVINA

## The first summer school *Integrated approach for agricultural water management* - Programme -

Trebinje, Bosnia and Herzegovina  
August 30 - September 3, 2021



Grant Agreement number: 952396

SMARTWATER — H2020-WIDESPREAD-2018-2020 / H2020- WIDESPREAD-2020-5



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## Promoting SMART agricultural WATER management in Bosnia and Herzegovina - SMARTWATER

The first summer school  
*Integrated approach for agricultural water management*  
Trebinje, Bosnia and Herzegovina  
August 30 - September 3, 2021

### PROGRAMME

Monday, August 30, 2021

🕒 CET	TOPIC	PARTICIPANT(S)
10:00 - 11:00	Registration - Hotel Leotar -	ALL
<i>WELCOME SPEECHES</i>		
11:00 - 11:30	City of Trebinje, representatives <b>Veselin Dutina</b> , Agrarian Fund of the City of Trebinje <b>Svetlana Lazić</b> , Ministry of Agriculture, Forestry and Water Management of Republic of Srpska (MPŠV RS) <b>Mihajlo Marković</b> , SMARTWATER project coordinator (UNI-BL) <b>Zlatan Kovačević</b> , Dean of the Faculty of Agriculture (UNI-BL)	
11:30 - 12:00	Project implementation - status and perspectives -	<b>Mihajlo Marković</b> UNI-BL
12:00 - 12:30	Joint experimental studies - status and perspectives -	<b>Nataša Čereković</b> UNI-BL
12:30 - 12:45	Coffee break	ALL
12:45 - 13:15	Drought monitoring in Republic of Srpska, standard statistical methods in meteorology	<b>Nada Rudan</b> RHI
13:15 - 13:45	Hydrological regime of water resources and irrigation in eastern Herzegovina	<b>Duško Vujović</b> Trebišnjica Hydroelectric Power Plants (HET)
13:45 - 14:00	Reconstruction of the irrigation systems in the Republic of Srpska, current status	<b>Svetlana Lazić</b> MPŠV RS
14:00 - 15:00	Lunch - Hotel Leotar -	ALL
15:00 - 20:00	Free time, City tour: Herzegovina Museum	ALL
20:00	Dinner - Hotel Leotar -	ALL



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## Tuesday, August 31, 2021

🕒 CET	TOPIC	PARTICIPANT(S)
09:00 - 10:30	Integrated agricultural water management: basic principles and approaches	<b>Mladen Todorović</b> CIHEAM-IAMB
10:30 - 10:40	Discussion and short break	ALL
10:40 - 11:25	Irrigation systems, Session 1: Surface irrigation systems (theory)	<b>Nery Zapata</b> CSIC
11:25 - 11:40	Coffee break	ALL
11:40 - 13:10	Irrigation systems, Session 2: Surface irrigation models (practical)	<b>Nery Zapata</b> CSIC
13:10 - 14:00	Use of UAVs in agriculture	<b>Sabrija Čadro</b> UNSA
14:00 - 15:00	Lunch - Hotel Leotar -	ALL
15:00 - 15:45	Irrigation systems, Session 3: Sprinkler irrigation systems (theory)	<b>Nery Zapata</b> CSIC
15:45 - 16:30	Irrigation systems, Session 4: Sprinkler irrigation model (practical)	<b>Nery Zapata</b> CSIC
16:30 - 18:00	Crop water requirements and irrigation scheduling	<b>Mladen Todorović</b> CIHEAM-IAMB
18:00 - 18:30	Land degradation neutrality in Bosnia and Herzegovina	<b>Marijana Kapović Solomun</b> UNI-BL
18:30 - 19:15	Advanced learning techniques and digital tools for water management systems	<b>Luigi Capodiceci</b> SYS
19:15 - 20:00	Free time, City tour	ALL
20:00	Dinner - Hotel Leotar -	ALL



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## Wednesday, September 1, 2021

CET	TOPIC	PARTICIPANT(S)
09:00 - 14:00	Technical tour Visit to - Vegetable nursery <i>Adria Hishtil</i> in Gabela, Čapljina - Visit to - <i>Granum Agro Center</i> facilities, Čapljina - Lunch in Čapljina	all participants
14:00 - 15:45	Return to Hotel Leotar	ALL
15:45 - 17:45	Boating on Trebišnjica River and wine tasting	ALL
17:45 - 19:30	Free time	ALL
20:00	Dinner - Hotel Leotar -	ALL






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## Thursday, September 2, 2021

 CET	TOPIC	PARTICIPANT(S)
09:00 - 09:45 <i>online presentation</i>	Evapotranspiration and surface infrared temperature	<b>Isabel Alves</b> ISA
09:45 - 10:30	Crop Models, Session 1: DSSAT model, theoretical aspects	<b>Farida Dechmi</b> CSIC
10:30 - 10:40	Discussion and short break	ALL
10:40 - 12:10	Crop Models, Session 2: Practical application of DSSAT to analyze experimental data	<b>Farida Dechmi</b> CSIC
12:10 - 12:20	Coffee break	ALL
12:20 - 13:05	Irrigation systems, Session 5: Drip irrigation systems (theory)	<b>Nery Zapata</b> CSIC
13:05 - 14:00	Irrigation systems, Session 6: Drip irrigation systems (practical)	<b>Nery Zapata</b> CSIC
14:00 - 15:00	Lunch - Hotel Leotar -	ALL
15:00 - 15:45 <i>online presentation</i>	Sustainability assessment of fertigation in maize	<b>Maria do Rosário Cameira</b> ISA
15:45 - 17:15	CROPWAT - a tool for irrigation management (practical)	<b>Mladen Todorović</b> CIHEAM-IAMB
17:15 - 17:25	Conclusions and final remarks	<b>Mihajlo Marković</b> UNI-BL
17:25 - 20:00	Free time, City tour	ALL
20:00	Gala dinner - Hotel Leotar -	ALL



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**Friday, September 3, 2021**

🕒 CET	TOPIC	PARTICIPANT(S)
09:00 - 13:00	Technical tour  Visit to - Agrofin d.o.o Trebinje -  Visit to - Traditional irrigation practices facility -	ALL
Return to home		

