



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



Promoting SMART agricultural WATER management in Bosnia and Herzegovina - SMARTWATER



PROMOTING SMART AGRICULTURAL WATER MANAGEMENT
IN BOSNIA AND HERZEGOVINA

The second summer school

*Smart technologies and best management practices
(technical and practical) for sustainable and eco-efficient
agricultural water management*

- Programme -

**Sarajevo, Bosnia and Herzegovina
July 18 - 22, 2022**





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PROGRAMME

Monday, July 18, 2022

Faculty of Agriculture and Food Science, University of Sarajevo

(Zmaja od Bosne 8, 71 000 Sarajevo)


 CET	TOPIC	LECTURER(S)
9:00 - 9:30	Registration - Faculty of Agriculture and Food Science -	ALL
<i>WELCOME SPEECHES</i>		
9:30 – 10:00	Representatives of the University of Sarajevo and the Faculty of Agriculture and Food Science, SMARTWATER project coordinator (UNI-BL)	
10:00 - 10:30	Project implementation - status and perspectives -	Čadro Sabrija UNSA
10:30 - 11:30	Eco-efficient agricultural water management: concept and application	Mladen Todorović CIHEAM-BARI
11:30 - 12:30	Coffee break	All
12:30 - 13:30	Coupling smart technologies and best management practices in agricultural water management	Mladen Todorović CIHEAM-BARI
13:30 - 14:30	Adoption of DSS for agricultural water management with Blueleaf software – technical overview	Luigi Capodiec SYSMAN
14:30 - 15:30	Workshop about Blueleaf with interactive session on real use case of application	- SYSMAN
15:30 - 16:30	Lunch break for participants (students)	-



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Tuesday, July 19, 2022
Faculty of Agriculture and Food Science, University of Sarajevo
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 CET	TOPIC	LECTURER(S)
09:00 - 10:00	Implementation of River Basin Management Plans in Spain, the Ebro River Basin as a study case.	Marian Lorenzo CSIC
10:00 - 11:00	Low-pressure sprinkler irrigation in maize	Enrique Playán CSIC
11:00 - 12:00	Irrigation governance in developing countries: problems and solutions.	Enrique Playán CSIC
12:00 - 12:30	Coffee break	-
12:30 - 13:30	Network to control water quantity and quality of irrigation return flows	Marian Lorenzo CSIC
13:30 - 14:30	Lunch break for participants (students)	-
14:30 - 16:00	Preparation and flight planning of unmanned aerial vehicles (UAV)	Sabrija Čadro UNSA





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Wednesday, July 20, 2022

Filed visit in Visoko

 CET	TOPIC	LECTURER(S)
09:00 - 12:30	Visit to Producer in Visoko, Use of unmanned aerial vehicles (UAV) for surveying agricultural land - field exercises	Sabrija Čadro UNSA
13:00 - 15:00	- Touristic tour of Visoko pyramids -	All
15:00 - 18:00	Lunch	All
18:00 - 19:00	Return to Sarajevo and free time	All




Bosnian Pyramid of the sun and park Ravne



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Thursday, July 21, 2022
Faculty of Agriculture and Food Science, University of Sarajevo
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 CET	TOPIC	LECTURER(S)
09:00 - 10:30	Remote sensing processing of data collected from a UAV	Sabrija Čadro UNSA
10:30 - 11:30	Combining remote sensing vegetation indexes and soil water balance model	Wilk Almeida & Teresa Paço ISA
11:30 - 12:00	Hands-on session RS & VIs & SWB	Wilk Almeida & Teresa Paço ISA
12:00 - 12:30	Coffee break	-
12:30 - 13:15	Climate change and remote sensing: crop growth and soil water balance model	Daniela Soares ISA
13:15 - 14:00	Crop water status – techniques and sensors for stress detection	Teresa Paço ISA
14:00 - 15:00	Lunch break for participants (students)	-
15:00 - 19:00	Free time	
19:00	Social dinner - barbecue (Butmir, Sarajevo)	All



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Friday, July 22, 2022
Faculty of Agriculture and Food Science, University of Sarajevo
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🕒 CET	TOPIC	PARTICIPANT(S)
10:00 - 11:00	Presentation of the performed and future research on the test site in Aleksandrovac	Nataša Čereković UNI-BL
11:00 - 12:00	Presentation of the performed and future research on the test site in Butmir	Benjamin Crljenković UNSA
12:00 - 12:30	Coffee break	All
12:30 - 13:30	Closing ceremony and awarding of certificates	All
Return to home		

