



Training Meeting on LAS Advances

Commercialization of an Automated Monitoring and Control System against the Olive and Med Fruit Flies of the Mediterranean Region

FruitFlyNet-ii: STR_B_A.2.1_0043/2020-2023

MEDITERRANEAN SEA BASIN PROGRAMME 2014-2020

Project Coordinator
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Project Consortium

BEN: Agricultural University of Athens (AUA), Athens, Greece



ΓΕΩΠΟΝΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ
AGRICULTURAL UNIVERSITY OF ATHENS

PP1: University of Córdoba (UCO), Córdoba, Spain



UNIVERSIDAD DE CORDOBA

PP2: University of Molise (UNIMOL), Molise, Italy



PP3: Lebanese Agricultural Research Institute (MPC), Zahle, Lebanon



PP4: Institut de l'Olivier–Tunisian Olive Institute (IO), Sfax, Tunisia



PP5: Regional Research Centre on Horticulture and Organic Agriculture (CRRHAB), Sousse, Tunisia





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Team Members	
BEN (AUA)	Theodore Tsiligiridis (PC) Dionysios Perdikis (TM) Costas Pontikakos Marios-Ioannis Sotiras
PP02 (UNIMOL)	Andrea Sciarretta (LPC)
PP05 (CRRHAB)	Mohamed Braham (LPC)
	Ben Khedher (TM)
	Ahmed Moussa

PC: Project Coordinator

LPC: Local Project Coordinator

TM: Technical Manager

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WP3: LAS Deployment and Operation in the Experimental Sites A3.7.1: Training - Technology Transfer: LAS Advances

Training Meeting

Regional Research Centre on Horticulture and Organic Agriculture (CRRHAB)
Tunisia,
May 18th , 2023

General information:

The *Training Meeting on LAS advances* took place in Mabrouka Society in Khlidia-Ben Arous, on May 18, 2023, the last day of the project's 3rd Consortium Meeting realized in Tunisia, by the Olive Tree Institute and the Regional Research Centre on Horticulture and Organic Agriculture (CRRHAB), and within the framework of the Activity 3.7.1 of *FruitFlyNet-ii* project.

Participants in the training meeting were the partners' personnel and the hosting partner was the CRRHAB research team.

Eleven e-traps baited with *Ceratitis capitata* male attractant were set up gradually, along with conventional delta ones in the peach experimental sites belonging to Mabrouka society in Khlidia-Ben Arous. Tests on the transmission of data from the field to the server have been carried out successfully but with some failures. The research team will continue working to improve the quality of the devices.





Thursday, May 18th, 2023

CRRHAB Institute, Visit to Mabrouka site, Khledia, Tunisia.

08:00: Departure from Sfax to wide-area site of CRRHAB at Khledia (Ben Arous).

11:00: Arrival

Session 8: Field training on e-trap function

Moderator: *Prof: Mohamed Braham*

11:00 - 12:00: E-trap functionality in the field

12:00 - 12:30: Coffee break

Session 9: Field training on E-services

Moderator: *Prof. Dionysios Perdikis (BEN)*

12:30 - 14:00: In field e-services *Dr. Costas Pontikakos*

14:00 - 15:30: Light lunch break

15:30: Drive to Tunis/Sfax/Sousse





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List of participants in the Training Meeting

No	PARTICIPANTS	Organization
1	Theodore Tsiligiridis (PC)	BEN (AUA): University of Athens
2	Dionysios Perdikis (TM)	
5	Meelad Yousef (LPC)	PP01 (UCO): University of Cordoba
6	Enrique Quesada	
	Emilio Calvo Cerezo (TM1)	
7	Flora Moreno Alcaide (TM2)	
8	Andrea Sciarretta (LPC)	PP02 (UNIMOL): University of Molise
9	Ahmad ELBITAR (LPC)	PP03 (LARI): Lebanese Agricultural Research Institute
10	Linda KFOURI (TM)	
11	Elia CHOUEIRI (AS)	
12	Ines Ksentini (LPC)	PP04(IO) : Institute de l'Olivier
13	Mohieddine Ksentini (AS)	
	Mohamed Bracham	PP05 (CRRHAB) Regional Research Centre on Horticulture and Organic Agriculture
	Ben Khedher (TM)	
	Ahmed Moussa (Eng)	

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A welcome address was given by the local project coordinator, Dr. Mohamed Braham with an overview of the activities of the project accomplished so far, followed by a welcome speech from Mokhtar Mechichi, Managing Director of the Mabrouka Society, project local partner, presenting the main advances in plant breeding.



Photos 1-2: Training meeting overview

Professor Dionysios Perdakis, from the Agricultural University of Athens, gave a presentation related to the use of QGis and Qfield applications for entering and managing data collected from the experimental site. Moreover, Ahmed Moussa, CRRHAB IT engineer, demonstrated how to assemble electronic trap components and tested the data transmission.

In the sequel, the event participants move to the experimental field for live demonstrations. In the peach orchards, the technical managers, Ben Khedher and Lamouchi, explained the activities done so far in the peach orchard (data collection, fruit sampling, etc.), while Professor Perdakis explained how to introduce data on the tablet directly in the field.

The participants visited the experimental site located in Khlidia, northeast Tunisia, to get information on the progress of the project activities and the outcome of the research results.



Photos 3-4: The Tunisian team checks the captures of the *MedFlyTrap*



Photos 5-6: Professors. Dionysios Perdakis and Theodore Tsigiliris discuss with the Tunisian and Lebanese teams respectively the LAS e-services implementation.