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ΕΛΛΑΣ

ESPAÑA

ITALIA

LEBANON

TURKEY

FruitFlyNet II

FruitFlyNet ii

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

In-field e-services: The field data collection

Dr Costas Pontikakos, Prof. Dionysios Perdikis,
Prof. Theodore Tsiligiridis (BEN)

3rd Consortium Meeting, May 15 - 18, 2023, TUNISIA
Olive Tree Institute, Sfax
CRRHAB Institute, Sousse

FEDERAZIONE IRIANIE TRIMBO ARIENEN
AGRICULTURAL UNIVERSITY OF ATHENS

100

UNIVERSIDAD
DE
CORDOBA

UNIVERSITÄT
STRAßBURG

LEBANON
LARI

معهد الزيتون

CRRHAB
المرکز الجهوي للمعهد في المنطقة الجهوية
المعهد الوطني للمعهد في المنطقة الجهوية

1

In-field e-services: Data Collection

OliveFlyNET ii

22:02 99%

QField Docume... Files

22:03 99%

Welcome back to QField.

QFieldCloud projects

Open local file

Recent Projects

- FruitFlyNet ii - GeoDatabase_CRRHAB
- CRRHAB_DEMO
- Simple Bee Farming Demo
- Advanced Bee Farming Sample Project
- Live QField Users Survey Sample Project

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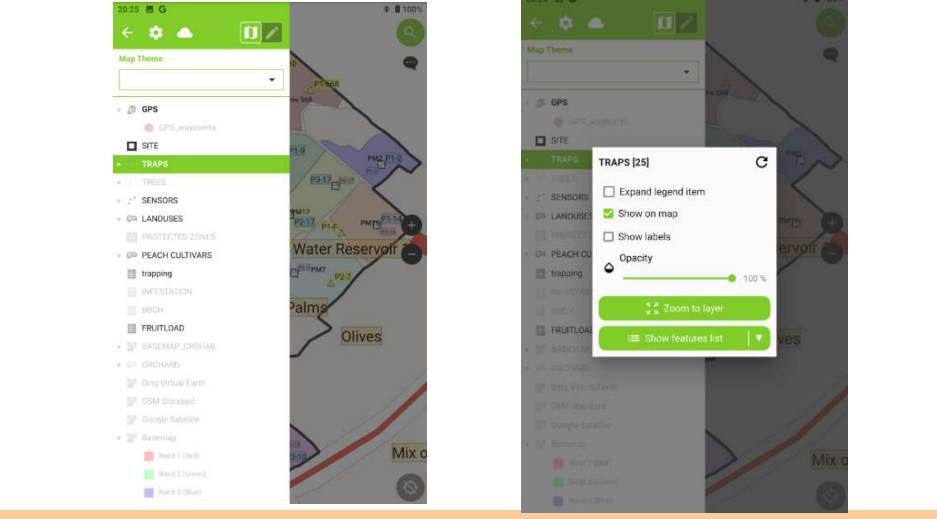





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In-field e-services: Data Collection







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In-field e-services: Data Collection

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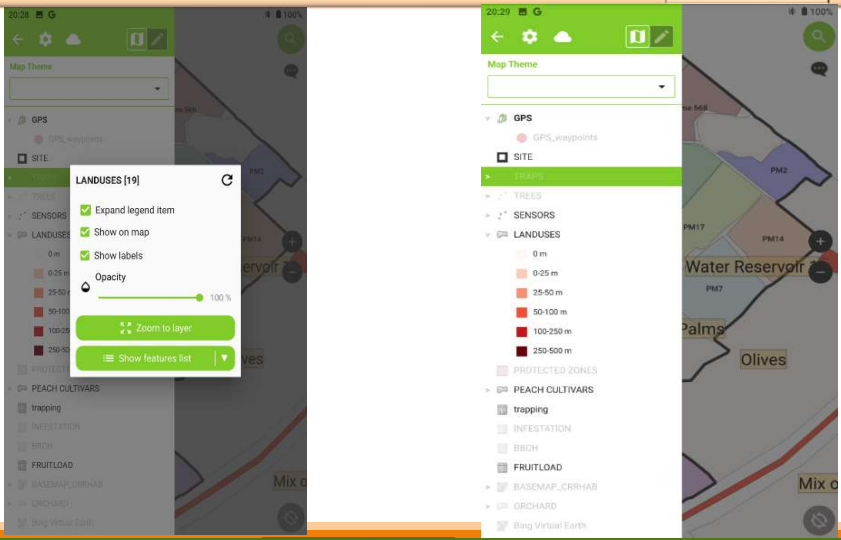
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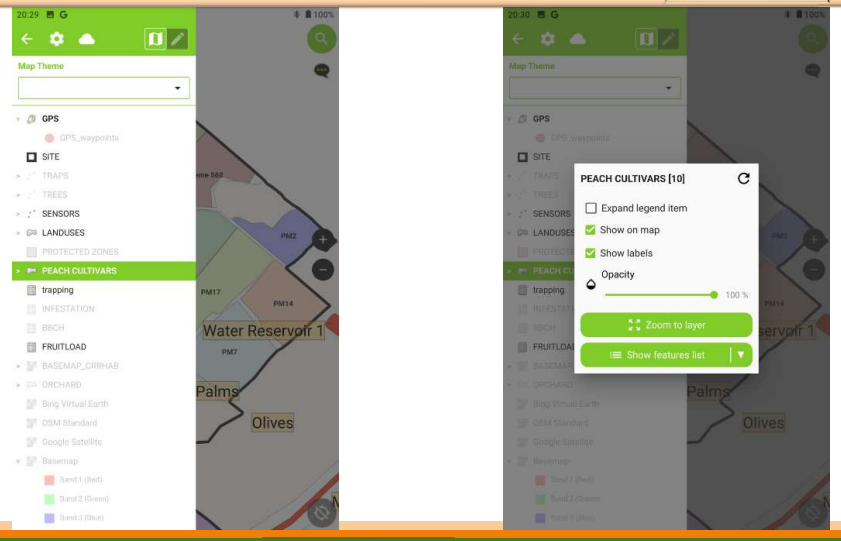
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9

In-field e-services: Data Collection






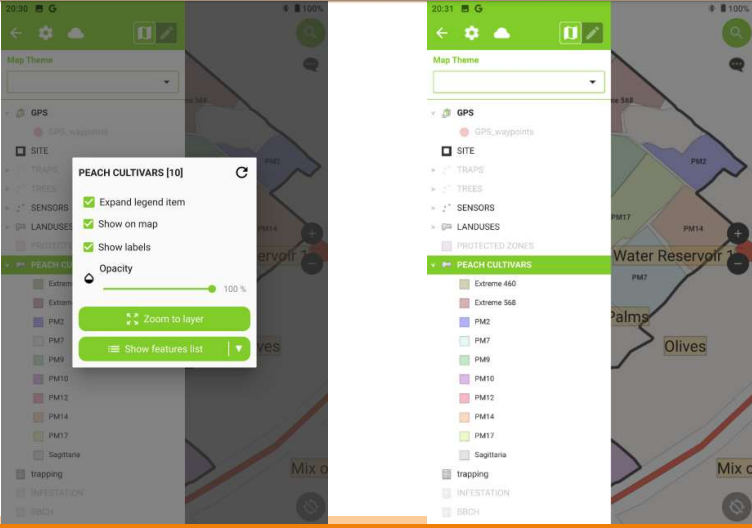
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In-field e-services: Data Collection





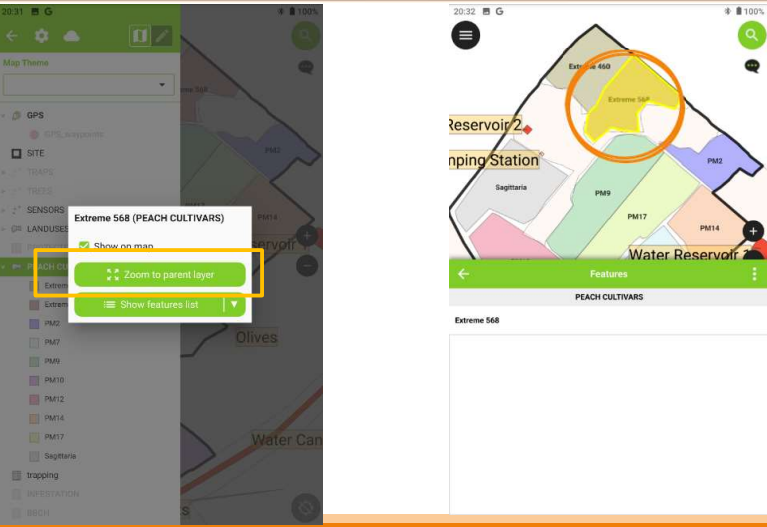
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In-field e-services: Data Collection





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In-field e-services: Data Collection

OliveFlyNET ii

20:33 G 95%

Map Theme

- GPS
 - GPS_waypoints
- SITE
- TRAPS
- TREES
- SENSORS
- LANDUSES
- PROTECTED_ZONES
- PEACH CULTIVARS
- trapping**
- INFESTATION
- BRCH
- FRUITLOAD
- BASEMAP_CRRHAD
- ORCHARD
- Bing Virtual Earth
- OSM Standard
- Google Satellite
- Basemap
 - Band 1 (Red)
 - Band 2 (Green)
 - Band 3 (Blue)

Water Reservoir

Olives

Mix c

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trapping [1]

Show features list

trapping

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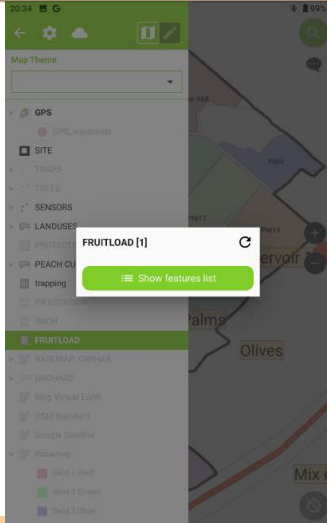
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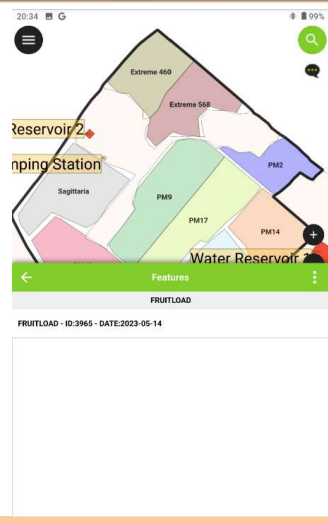
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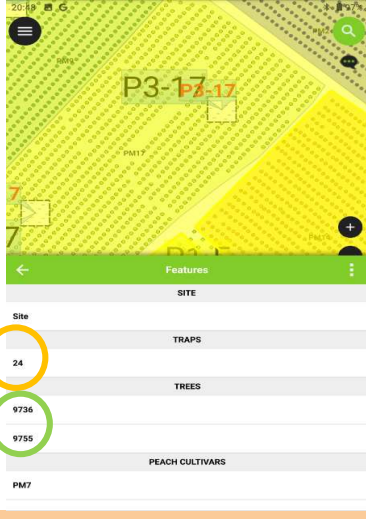
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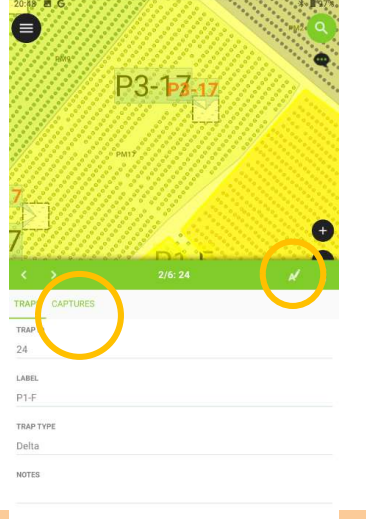
15

In-field e-services: Data Collection






Site	TRAPS
24	
TREES	
9736	
9755	
PEACH CULTIVARS	
PM7	



TRAP	CAPTURES
TRAP	
24	
LABEL	P1-F
TRAP TYPE	Delta
NOTES	

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OliveFlyNET ii

The screenshot shows two views of the OliveFlyNET ii application. On the left, a form titled 'Add feature on trapping' is displayed. It includes fields for 'CAPTURES' (value 2), 'ADULTS' (value 1), 'SIMILAR' (value 0), 'OTHER' (value 0), and 'COMPLEX' (value 0). There are also checkboxes for 'CHANGED' (False) and 'PHOTO' (with a camera icon). A yellow circle highlights the checkmark at the top left of the form, and another yellow circle highlights the camera icon. On the right, a map view shows a yellow trapezoidal area labeled 'P3-17'. Below the map, there are tabs for 'TRAPS' and 'CAPTURES', and a list of captures with the text 'CAPTURES - ID:24 - DATE:2023-05-17'.

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OliveFlyNET ii

The screenshot shows a detailed map view of an orchard in OliveFlyNET ii. The map is divided into several colored zones: red (Bando 1), green (Bando 2), and blue (Bando 3). Numerous traps are marked on the map with labels like P1-12, P1-17, P2-17, P2-18, P2-19, P2-20, P2-21, P2-22, P2-23, P2-24, P2-25, P2-26, P2-27, P2-28, P2-29, P2-30, P2-31, P2-32, P2-33, P2-34, P2-35, P2-36, P2-37, P2-38, P2-39, P2-40, P2-41, P2-42, P2-43, P2-44, P2-45, P2-46, P2-47, P2-48, P2-49, P2-50, P2-51, P2-52, P2-53, P2-54, P2-55, P2-56, P2-57, P2-58, P2-59, P2-60, P2-61, P2-62, P2-63, P2-64, P2-65, P2-66, P2-67, P2-68, P2-69, P2-70, P2-71, P2-72, P2-73, P2-74, P2-75, P2-76, P2-77, P2-78, P2-79, P2-80, P2-81, P2-82, P2-83, P2-84, P2-85, P2-86, P2-87, P2-88, P2-89, P2-90, P2-91, P2-92, P2-93, P2-94, P2-95, P2-96, P2-97, P2-98, P2-99, P2-100. A legend on the left side of the screen lists various map themes and layers, including 'SITE', 'TRAPS', 'TREES', 'SENSORS', 'LANDUSES', 'PROTECTED ZONES', 'PEACH CULTIVARS', 'BASEMAP_CRRHAB', 'ORCHARD', and 'Basemap'. A scale bar indicates 100 meters.

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OliveFlyNET ii

The screenshot shows two views of the OliveFlyNET ii app. The left view is a map with blue circular markers representing trees, numbered 2185 through 2227. Marker 2186 is highlighted with an orange circle. The right view is a data entry form for tree 2186, with the tree ID also highlighted by an orange circle. The form includes fields for 'SITE', 'TREES', 'PEACH CULTIVARS', and 'PM7'. The 'TREES' field contains the value '2186'. The 'PEACH CULTIVARS' field is empty. The 'PM7' field is empty.

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In-field e-services: Data Collection

OliveFlyNET ii

The screenshot shows the data entry form for tree 2186. The 'FRUIT LOAD' field is highlighted with an orange circle. The form includes fields for 'TREES', 'FRUIT LOAD', 'BIOCH', and 'INFESTATION'. The 'TREES' field contains the value '2186'. The 'FRUIT LOAD' field is empty. The 'BIOCH' field is empty. The 'INFESTATION' field is empty. The 'FRUIT LOAD ENTRIES' field is empty.

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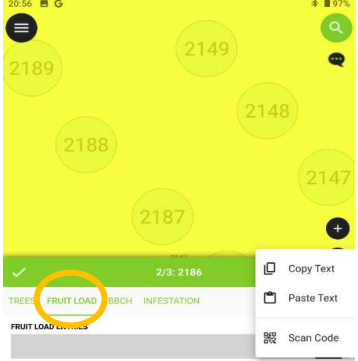


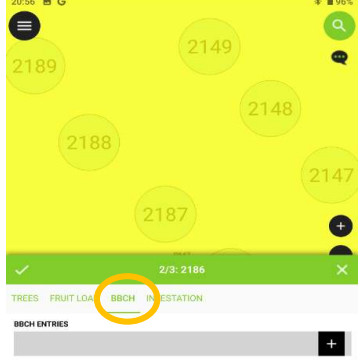


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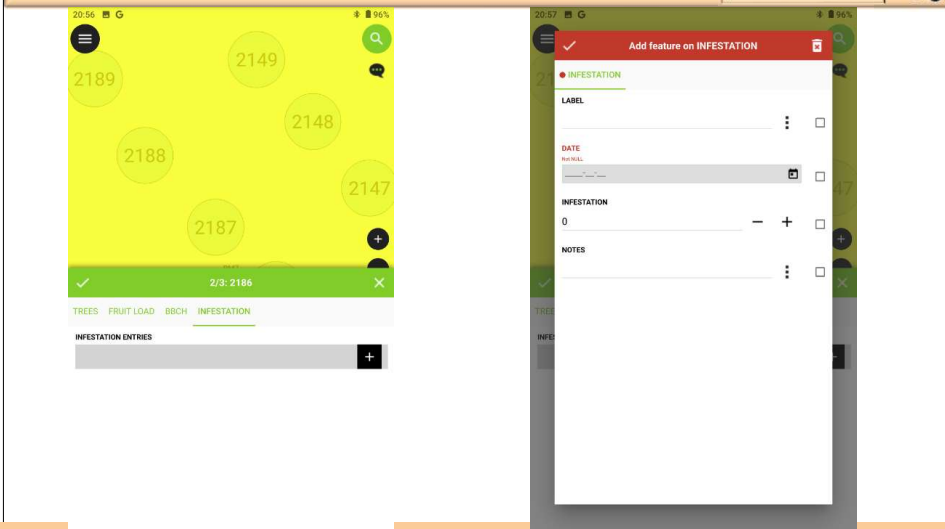
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20:56 96%
2189 2149 2148 2147 2188 2187
2/3: 2186
TREES FRUIT LOAD BBCH INFESTATION
INFESTATION ENTRIES

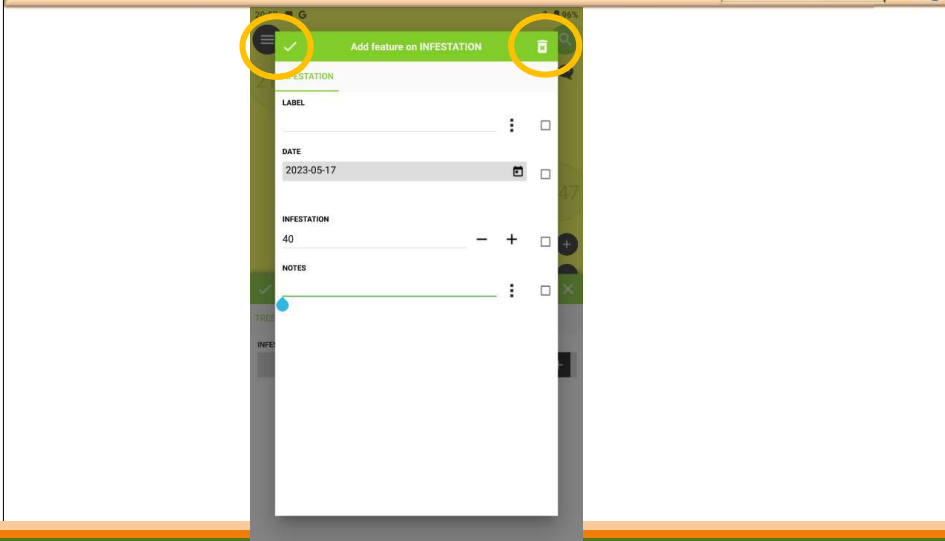
20:57 96%
Add feature on INFESTATION
INFESTATION
LABEL
DATE 2023-05-17
INFESTATION 40
NOTES

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20:56 96%
Add feature on INFESTATION
INFESTATION
LABEL
DATE 2023-05-17
INFESTATION 40
NOTES

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In-field e-services: Data Collection

OliveFlyNET ii

2187
2136
2185

2186

TREES FRUIT LOAD BBCH INFESTATION

TREE ID
2186

SPECIE ID
4

DATE
2023-05-17

LABEL
D148

VERSION

Print Atlas Feature to PDF

- Zoom to Feature
- Auto-Zoom to Feature
- Set Feature as Destination
- Move Feature
- Duplicate Feature
- Delete Feature

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4144, 4050, 3957, 4145, 4051, 3958, 3964, 4052, 3959, 3865, 4053, 3960, 3961, 3962, 3963, 3870, 3964, 3870, 3776, 3683, 3871, 3777, 3684, 3872, 3778, 3685, 3873, 3779, 3686, 3780, 3687, 3595

X: 606,566.404
Y: 4,058,055.034

- Add Bookmark
- Set as Destination
- Copy Coordinates

5 m

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The slide contains the following elements:

- Top Row Logos:** Agricultural University of Athens (100th anniversary), Universidad de Córdoba, Universidad Rovira i Virgili, LARI, and CRHAB.
- Second Row:** National flags of Greece, Spain, Italy, France, Lebanon, and Turkey.
- Third Row Logos:** ENI CBCMED (Cooperating across borders in the Mediterranean), European Union (Project funded by the EUROPEAN UNION), and Regione Autonoma de Sardinia (REGIONE AUTONOMA DELLA SARDEGNA).
- Center:** FruitFlyNet II logo.
- Text:** *Thank you for your attention!!!*
- Bottom Row:** Olive branch, ENI CBCMED, European Union, and Regione Autonoma de Sardinia logos.