

Πρόσκληση σε workshop με τίτλο: “Digitalization of water and nutrient management in irrigated agriculture under Mediterranean conditions”

Σας προσκαλούμε στο επιστημονικό εργαστήριο (workshop) με τίτλο: “Digitalization of water and nutrient management in irrigated agriculture under Mediterranean conditions”. Το workshop έχει ως στόχο την ενίσχυση της μεταφοράς γνώσης και την προώθηση της υιοθέτησης καινοτόμων προσεγγίσεων στην άρδευση των καλλιεργειών, με έμφαση στις προκλήσεις και τις δυνατότητες που αναδύονται στο μεσογειακό περιβάλλον. Το workshop συνδιοργανώνεται από το Department of Agricultural Engineering, Universidad Politécnica de Cartagena (UPCT) και το Τμήμα Γεωπονίας, Φυτικής Παραγωγής και Αγροτικού Περιβάλλοντος του Πανεπιστημίου Θεσσαλίας. Τον συντονισμό της δράσης έχουν αναλάβει ο Καθηγητής Alejandro Pérez Pastor (UPCT) και η Επίκουρη Καθηγήτρια Περσεφόνη Μαλέτσικα (Παν. Θεσσαλίας). Το εργαστήριο θα πραγματοποιηθεί την Τετάρτη 24 Ιουνίου 2026, από τις 10:00 π.μ. έως τις 3:30 μ.μ., στην Αίθουσα Συνεδριάσεων του Τμήματος. *Ακολουθεί το αναλυτικό πρόγραμμα:*

Digitalization of water and nutrient management in irrigated agriculture under Mediterranean conditions

Universidad Politécnica de Cartagena (UPCT) & University of Thessaly (UTH)

Workshop

 [24-06-2026] |  Department of Agriculture Crop Production and Rural Environment, University of Thessaly, Fitoko Str., 38446 Volos, Greece |  English

Time	Activity	Speaker(s)
10:00-10:20	Registration & Welcome Coffee	
10:20-10:30	Opening & Welcome Address	Vice-President of the Department of Agriculture, Crop Production and Rural Environment, Professor Mr. George Nanos (UTH)
10:30-10:50	Deficit Irrigation Strategies Applied in Semi-Arid Regions Over the Last 25 Years	Alejandro Pérez Pastor, Full Professor at Higher Technical School of Agricultural Engineering (Technical University of Cartagena, UPCT), (UPCT)
10:50-11:10	Smart irrigation management in fruit trees – ORALI+	Persefoni Maletsika, Assistant Professor of Pomology-Oliviculture, Laboratory of Pomology (UTH)
11:10-11:30	Water stress monitoring in almond cultivation	Konstantinos Pappas, PhD student and Apostolos Konsoulas, PhD student, Laboratory of Pomology (UTH)
11:30-11:40	Coffee Break	

11:40-12:10	LIFE TRIPLET Project: Digitalisation of Efficient Fertigation Management for Sustainable Agriculture	Alejandro Pérez Pastor, Full Professor at Higher Technical School of Agricultural Engineering, Pablo Berrios, Researcher and Abdelmalek Temnani, Researcher (UPCT)
12:10-12:30	Fertilization management of the fruit trees apple, pear, peach and cherry and nutrients outputs with fruits and prunings	George Nanos, Professor of Pomology. Laboratory of Pomology (UTH)
12:30-12:50	Integrating Hydraulic Properties into Irrigation Management	Anastasia Angelaki, Assistant Professor of Agricultural Hydraulics, Laboratory of Agricultural Hydraulics (UTH)
12:50-13:10	Conservation agriculture combined with efficient sub-drip irrigation systems – The PRIMA WaterMellon approach	Christos Cavalaris, PhD, Teaching and Research Associate, Laboratory of Farm Mechanization (UTH)
13:10-13:40	Light Lunch Break	
13:40-14:00	Irrigation Water Management in Agriculture through Irrigation Communities	David Hernández, Technical Director, National Federation of Irrigation Communities (FENACORE)
14:00-14:20	Water management in Thessaly region	Athanasios Markinos, President of the BoD, TOEV Tavropos-Karditsa, CEO of Thessaly Water Management Organization S.A.
14:20-15:20	Roundtable: Sensors, DSS, farmer adoption, funding (LIFE, PRIMA, Horizon Europe)	All participants
15:30-15:30	Closing Remarks & Next Steps	Professor A. Pérez Pastor (UPCT) & Assistant Professor P. Maletsika (UTH)
15:30	End of Workshop	

The workshop coordinate Professor A. Pérez Pastor (UPCT), alex.perez-pastor@upct.es & Assistant Professor P. Maletsika (UTH), pmalets@uth.gr