

# ADVANCED SPECIALIZED COURSE PRECISION AGRICULTURE FOR THE MEDITERRANEAN REGION

## Opening Workshop

CIHEAM Bari 12-18 April 2023  
09 – 12AM (GMT+1)

### Chairs *CIHEAM Bari*

Biagio DI TERLIZZI  
Nicola LAMADDALENA  
Anna Maria D'ONGHIA  
Roula KHADRA  
Vincenzo VERRASTRO



Italian Development  
Cooperation  
Ministry of Foreign Affairs  
and International Cooperation



Ministero degli Affari Esteri  
e della Cooperazione Internazionale



### Wednesday 12 April

#### **Welcome speech**

Maurizio Raeli *CIHEAM Bari Director*

#### **Introduction to the advanced specialized course**

Anna Maria D'Onghia *CIHEAM Bari*

#### **General concepts of precision agriculture**

Fabrizio Mazzetto *Libera Università di Bolzano*

### Thursday 13 April

#### **Technologies for estimating plant & soil parameters**

Dario Mengoli & Lorenzo Marconi  
*Università di Bologna*

### Friday 14 April

#### **Mechanisation, robotics & artificial intelligence**

Lorenzo Marconi & Dario Mengoli  
*Università di Bologna*

### Monday 17 April

#### **Development of systems, methods & devices for precision agriculture through the hi-tech "Microcosm ENEA-FOS" field simulator**

Luigi d'Aquino *Italian National Agency for New Technologies, Energy and Sustainable Economic Development*

#### **Drivers & challenges of precision agriculture: a socio-technical perspective**

Maurizio Prospero *Università di Foggia*

### Tuesday 18 April

#### **The role of technology producers & service providers**

Fabio Ricci *Federazione Nazionale Costruttori Macchine per l'Agricoltura*

#### **The Southern Mediterranean context: the need of a tailored precision agriculture**

Mouïñ Hamzé *CIHEAM Bari*

#### **Contribution of precision agriculture to sustainable water management**

Nicola Lamaddalena *CIHEAM Bari*

#### **CIHEAM Bari innovations for precision pest surveillance & water management at landscape level**

Anna Maria D'Onghia *CIHEAM Bari*  
Roula Khadra *CIHEAM Bari*

Registration <https://events.iamb.it/p/event/pama1>

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