



# 1<sup>st</sup> Mediterranean Forum

for PhD Students and Young Researchers

Methodological Challenges and Opportunities  
in Designing Sustainable Agricultural  
and Food Systems under Global Changes

PROGRAM

July 18-19 2016

CIHEAM-MAI Montpellier, France



CIHEAM  
MONTPELLIER



# DAY 1: MONDAY 18TH JULY 2016

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**7.30 am - 8.45 am REGISTRATION**

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**8.45 am - 9.30 am**

**Welcome by**

**Jean-Paul Pellissier**, Deputy Director of CIHEAM-MAIM

**Introductory addresses**

**Masum Burak**, President of CIHEAM

**Hatem Belhouchette**, Scientific administrator CIHEAM-MAIM

**SESSION 1**

## **DESIGNING SUSTAINABLE AGRICULTURAL PRODUCTION SYSTEMS**

**Chair:** **Placido Plaza**, Principal Administrateur, CIHEAM Paris, France

**9.30 am - 10.10 am**

**Alexandre Meybeck**, FAO/AGD, Italy (30 min. + 10 min. discussion)

**Introductory Key note:** *Why we need today to design sustainable agricultural and food production systems in the Mediterranean area? What are the main methodological challenges?*

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**10.10 am - 10.30 am COFFEE BREAK**

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**Chair:** **Masum Burak** (President - CIHEAM)

**10.30 am - 12.30 pm**

**DEBATE WITH A PANEL OF EXPERTS**

*Opportunities and difficulties in enhancing Mediterranean young researcher skills in the field of sustainable production and foods in a scenario of climate change*

**Panelists:** **Mohammed Sadiki** (Secretary General, Ministry of Agriculture, Morocco), **Annick Suzor-Weiner** (Director of the Office of Western Europe - AUF), **Núria Jové**, Project Manager, Union for the Mediterranean, **Claude Bernhard** (Director Agreenium/IAVFF, France), **Kamil Mettias** (Vice-president ARC / Ministry of Agriculture, Egypt).

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**12.30 pm - 1.40 pm LUNCH**

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**Chair:** **Mohammed Sadiki** (Secretary General, Ministry of Agriculture, Morocco)

**1.40 pm - 2.20 pm**

**Jacques Wery**, Montpellier SupAgro, France (30 min. + 10 min. discussion)  
Professor Agricultural Systems, President of FSD5, ESA Executive Secretary

**Key note:** *Designing sustainable production systems at the interface between agricultural systems and food systems*

**2.20 pm - 4.10 pm**

**PhD & Young Researchers presentations**

(15 min. + 7 min. discussion each)

**1. Simona Giordano**, University of Bari Aldo Moro, Bari, Italy & Paul Valéry University, Montpellier III, France  
*Territorial identity and Terroir. An analysis of the role of organic viticulture in the durability of rural landscapes*

**2. Tefide Kizildeniz**, Grupo de Fisiología del Estrés en Plantas, EEAD, CSIC, Pamplona, Spain

*Climate change scenarios simulated in temperature gradient greenhouses (TGGs) affect grapevine phenology, yield and berry quality*

**3. Nawel Temani**, INAT, Tunis, Tunisia

*Modeling effects of environmental stresses on orange production in Tunisia*

**4. Mourad Latati**, ENSA, Algiers, Algeria

*The intercropping maize - common bean increases the rhizobial efficiency and phosphorus uptake in calcareous phosphorus deficient soils*

**5. Zeina El Zein**, Department of Horticultural Genetics, CIHEAM-MAICH, Chania, Greece

*The role of a tomato prolyl 4 hydroxylase in tomato fruit growth and development*

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#### **4.10 pm - 4.40 pm POSTER SESSION / COFFEE BREAK**

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#### **4.40 pm - 5.50 pm POSTER SESSION WITH PRESENTATION**

(including the selection of the best poster for prize)

##### **9 PhD & Young Researchers Poster presentations**

(6 min. each + 10 min. general discussion)

**1. Yazdan Soltanpour**, Department of Agriculture, Food and Environment, University of Catania, Italy

*Social Life Cycle Assessment - its consistency with fisheries' sustainability analysis*

**2. Mazari Ait Kaci**, University of Science and Technology of Oran, Algeria

*Evaluation of the agricultural natural resources in the Algerian steppe*

**3. Lounes Merrouchi**, INRAA, Algiers, Algeria

*Etude des systèmes de production agricole dans les Oasis du Sud-est Algérien. Cas des Oasis de la Vallée de l'Oued-Righ*

**4. Loubna El Ansari**, CIHEAM-MAIM, SupAgro, UMR System, Montpellier, France

*Establishing farm typologies in dryland areas: the case of Sais, Morocco*

**5. Farah Kanj**, Paul Valéry University, Montpellier III, France

*Outils et méthodes de présentation et de spatialisation de la diversité des exploitations agricoles et de leurs pratiques dans un territoire : cas d'étude la région du Caza de Zahlé - Liban*

**6. Meriam Hammouda**, CIHEAM-MAIM, SupAgro, UMR System, Montpellier, France

*Activités de production : concept, caractérisation et méthode d'évaluation*

**7. Housseem Braiki**, INAT, Tunis, Tunisia & AgroParisTech, UMR G-eau, Montpellier, France

*Démarche participative pour l'évaluation environnementale des pratiques de mise en valeurs et d'aménagement. Cas d'étude amont du bassin versant Merguellil, Tunisie centrale*

**8. Mohamad El Khansa**, University of Montpellier UMR HSM HydroSciences, France & Ministry of Agriculture, Lebanon

*Socio-economic and environmental impacts of small hill lakes irrigation schemes in Lebanon: a risk analysis*

**9. Houda Mazhoud**, INAT/INRAT, Tunis, Tunisia

*L'enjeu de la productivité céréalière en irrigué dans un contexte de raréfaction de la ressource en eau*

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#### **From 7.00 pm SOCIAL EVENT**

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## DAY 2: TUESDAY 19TH JULY 2016

### SESSION 2

## DESIGNING SUSTAINABLE FOOD PRODUCTION SYSTEMS

**Chair:** Martine Padilla (CIHEAM-MAI Montpellier, France)

### 9.00 am - 9.40 am

**Marcello De Rosa**, University of Cassino and Southern Lazio, Italy  
Professor, Department of Economics and Law (30 min. + 10 min. discussion)

**Introductory Key note:** *Territorialized sustainable food systems*

### 9.40 am - 10.20 am

**Salem Darwich**, Faculty of Agriculture, Lebanese University Beirut, Lebanon  
Professor, Head of Agricultural Economics Department (30 min. + 10 min. discussion)

**Key note:** *The Lebanese agriculture: What agricultural policies in response to the Syrian crisis and food security challenges?*

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### 10.20 am - 11.00 am POSTER SESSION / COFFEE BREAK

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### 11.00 am - 12.50 pm PhD & Young Researchers presentations

(15 min. + 7 min. discussion each)

- 1. Francesco Bottalico**, CIHEAM-MAIB, Bari, Italy  
*Linking food products, diets and regional agro-food systems sustainability: preliminary insights from Apulia region, south-eastern Italy*
- 2. Kamel Chikhi**, Sidi bel Abbés University, Sidi bel Abbés, Algeria  
*La perception de l'alimentation durable en Algérie*
- 3. Elena Kokthi**, European University of Tirana, Albania  
*Analysing consumer preferences for organic products in Albania*
- 4. Ahmed Ferchiou**, CIHEAM-MAIM, SupAgro, UMR Moisa, Montpellier, France  
*Dryland farm households: a model for policies impact assessment for production and nutrient availability*
- 5. Paolo Prosperi**, CIHEAM-MAIM, Montpellier, France & University of Catania, Catania, Sicilia  
*Sustainability and food and nutrition security: An indicator-based vulnerability and resilience approach for the Mediterranean Region*

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### 12.50 pm - 2.00 pm LUNCH

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**Chair:** Kamil Mettias (Vice-president ARC / Ministry of Agriculture, Egypt)

### 2.00 pm - 2.40 pm

**Rabi Mohtar**, Texas A&M Engineering Experiment Station (TEES), United States  
TEES Endowed Professor (30 min. + 10 min. discussion) - [Video conference]

**Key note:** *The Water-Energy-Food Nexus as a methodological framework in designing sustainable food production systems*

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### 2.40 pm - 3.10 pm POSTER SESSION / COFFEE BREAK

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### 3.10 pm - 4.20 pm POSTER SESSION WITH PRESENTATION

(including the selection of the best poster for prize)

### 9 PhD & Young Researchers Poster presentations

(6 min. each + 10 min. general discussion)

- 1. Fayçal Kefi**, CIHEAM-MAIM, Montpellier, France & University of Catania, Sicilia  
*La biodiversité alimentaire et nutritionnelle disponible sur les marchés : cas de Sidi Bouzid*



**2. Clara Monaco**, CIHEAM-MAIM, Montpellier, France & University of Catania, Sicilia  
*Un système d'information adapté pour évaluer la durabilité de la petite pêche artisanale méditerranéenne*

**3. Ala Bouagga**, INAT, Tunis, Tunisia  
*Résidus de pesticides dans les oranges et ses différentes parties: quel risque pour la santé du consommateur ?*

**4. Houda Ben Gharbia**, INNTA, Tunis, Tunisia  
*Profil de la consommation alimentaire des adolescents tunisiens en relation avec la surcharge pondérale*

**5. Nadia Thligene**, Department of Science and Technology, University of Parthenope, Naples, Italy  
*Exploitation of Mediterranean organic prickly pears (*Opuntia ficus-indica* (L.) Mill. as functional food for sustainable food systems*

**6. Radhouene Doggui**, INNTA, Tunis, Tunisia  
*Dietary intake profile among Tunisians school children having iodine deficiency or excess*

**7. Matteo Boschini**, Department of Agricultural and Food Sciences, University of Bologna, Italy  
*Preliminary assessment of a methodology for determining food waste in primary school canteens*

**8. Mohamed Kanoun**, INRAA, Algiers, Algeria  
*Flexibilités des agropasteurs pour composer avec les transitions socio-territoriales et aléas météorologiques. Situation à Ouled M'Hani (El-Guedid-Djelfa-Algérie)*

**9. Heval Yildirim**, CIHEAM-MAIM & University of Montpellier, UMR Lameta, Montpellier, France  
*Ecosystem services approach as a new perspective of the territorial development: two-sided assessment of Karaburun Peninsula's ecosystem services (Turkey)*

#### **4.20 pm - 6.30 pm**      **GENERAL DEBATE**

**Moderator: Mélanie Requier-Desjardins** (CIHEAM-MAI Montpellier, France)  
Scientific administrator, Teacher-researcher

- *What can be learned from this forum in working at the interface between different disciplines for designing Agricultural and Food production Systems?*
- *In general, what are the main difficulties that PhD students in the Mediterranean faced in conducting their studies? From your point of view, what role the CIHEAM can play in helping to promote doctoral studies?*

