

# 5th International Symposium for Farming Systems Design

SEPTEMBER  
7-10, 2015

MONTPELLIER  
France



**Day 4: Thursday September 10- from 9am to 12pm.**

Venue: CIHEAM\_IAMM: 3191 route de Mende, 34093 Montpellier  
([http://www.iamm.fr/english/AccessFacilities/access\\_](http://www.iamm.fr/english/AccessFacilities/access_))

Specific meeting on:

**Designing sustainable land/farming system for the adaptation of Mediterranean agriculture under global changes: integrated assessment from field/farm to regional scales.**

Organizers: CIHEAM-IAMM, UMR-EMMAH, UMR-Métafort, UMR-SYSTEM.

## **Program of the meeting:**

**Introduction of the session:** Christian Gary (head of UMR-System)

### **9h-9h35 (including 10 min for discussion)**

- Concepts and methods for integrated assessment and modelling of agricultural systems behaviours under global changes. (Martin van Ittersum, WUR and co-leader of the Global Yield Gap Atlas project)

### **9h35-10h (including 5 min for discussion)**

- Methodological challenges and opportunities for sustainable intensification of agricultural systems in the dryland area: the experience of the CRP-Dryland Systems. (Bao Le, Quang, Senior Scientist on Agricultural Livelihood Systems for the CRP - DS).

### **10h-10h25 (including 5min for discussion)**

- Methodological requirements for modelling sustainable intensification: why we need to apply a dynamic approach and to develop a real inter-disciplinary collaboration. Past experience and present challenges. (Guillermo Flichman, senior scientist, CIHEAM-IAMM)

## **Coffee break (15 min)**

### **10h40-11h10 (including 5min for discussion)**

Scenarios for sustainable futures of Mediterranean agriculture based on ecosystem services supply - Agro-ecosystem modelling study (Alberte Bondeau, senior scientist, IMBE, Aix-Marseille, France)

### **11h10-11h35 (including 5min for discussion)**

An interdisciplinary approach to assess landscape trajectories, drivers and impacts (Carlos Guerra, ICAAM, Evora University)

### **11h35-12h**

General Discussion (chairman: Marta Deboloni, INRA - UMR EMMAH and Hatem Belhouchette, CIHEAM-IAMM-UMR System)

## **General information**

- **Free registration** to be made directly to the organizers of the workshop by contacting: Hatem Belhouchette: [Belhouchette@iamm.fr](mailto:Belhouchette@iamm.fr)