



International Seminar

MITIGATION AND ADAPTATION OPTIONS FOR MEDITERRANEAN AGRICULTURE TO ADDRESS THE CLIMATE CHANGE CHALLENGE

CIHEAM Zaragoza, Spain, 2 June 2026



**CIHEAM
ZARAGOZA**

remedia
RED CIENTÍFICA DE MITIGACIÓN DE EMISIONES DE
GASES DE INVERNADERO EN EL SECTOR AGROFORESTAL

BACKGROUND AND JUSTIFICATION

As climate change is profoundly affecting the Mediterranean agriculture, in the recent years there has been a great deal of research on adaptive practices, but not so much on emissions mitigation, even though agriculture can play an important role in such mitigation and there are practices and production systems that, while allowing adaptation to the effects of climate change, reduce GHG emissions.

CIHEAM Zaragoza contributes to climate change mitigation and adaptation in Mediterranean agriculture by providing high-level training to technical staff and researchers from its member countries through advanced courses (15 courses on these topics since 2020, 3 on preparation for 2026) and with the launch in 2023 of a Mediterranean network for knowledge exchange on GHG emissions and climate change mitigation in agriculture. It also participates in research/innovation projects on the subject, such as Re-Livestock (livestock) and CAMA (crops), and is a member of the GRA (Global Research Alliance for Agricultural Greenhouse Gases). Some of these activities have been carried out in collaboration with the other international institutions as ICARDA, FAO and GRA, as well as with Spanish organisations as the network Remedia (Scientific Network for Greenhouse Gas Mitigation in the Agroforestry Sector) that co-organises this Seminar through the Remedia+ project.

OBJECTIVES AND PROGRAMME DESCRIPTION

The main aim of this event is to serve as a forum to discuss and exchange knowledge and experience around research lines, innovations and projects dealing with climate change mitigation and adaptation of cropping and livestock systems. All this knowledge may serve to better orient policies for the support and development of cropping and livestock production systems at regional, local or international scales.

The Seminar is organised on 2nd June 2026, by CIHEAM Zaragoza and the Remedia Network (through the Remedia+ project).

The programme consists of an opening keynote conference and presentations and open discussions by guest experts on a series of specific thematic areas of common interest for Mediterranean countries. Around 25 guest experts are invited from countries in the southern and eastern Mediterranean, Spain and other European countries. The Seminar is open (in person and by streaming) for interested persons to hear the presentations and participate in the debates.

In addition, the 13th Annual Workshop of the Remedia Network will take place on 3 and 4 June at the CIHEAM facilities in Zaragoza, Remedia Workshops gather annually around 100 Spanish researchers involved in the mitigation of climate change in agrifood and forestry.

The Seminar will be held in English.

PROGRAMME

Registration	9:00-9:15			
Opening	9.15-9.45			
- Antonio López-Francos (CIHEAM Zaragoza, Spain) - Jorge Álvaro-Fuentes (Remedia + and CSIC-EEAD, Spain) - Elena Busutil (Director General for Agricultural Production and Markets, Ministry of Agriculture, Spain)				
Keynote conference	9:45-10.30			
María José Sanz (BC3, Spain)				
Coffee break	10:30-11:00			
Round Table 1 – Genetic resources and breeding	11:00-12.30			
Moderator: Pere Arús (IRTA-CRAG, Spain) Panellists: <table><tr><td> Crops - Ernesto Igartua (CSIC-EEAD, Spain) - Athanasios Tsivelikas (ICARDA, Morocco) - Milad El Riachy (LARI, Lebanon) </td><td> Livestock - Juan Vicente Delgado (UCO, Spain) - Sonia Bedhief (INRAT, Tunisia) - Suheil Gaouar (U. of Tlemcen, Algeria) - Yasemine Öner (U. Bursa Uludag, Türkiye) </td></tr></table>	Crops - Ernesto Igartua (CSIC-EEAD, Spain) - Athanasios Tsivelikas (ICARDA, Morocco) - Milad El Riachy (LARI, Lebanon)	Livestock - Juan Vicente Delgado (UCO, Spain) - Sonia Bedhief (INRAT, Tunisia) - Suheil Gaouar (U. of Tlemcen, Algeria) - Yasemine Öner (U. Bursa Uludag, Türkiye)	11.00-11.45	
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Discussion Round Table 1	11.45-12.30			
Lunch	12:30-14:00			
Round Table 2 – Natural resources conservation (land, water, biodiversity)	14.00-15.30			
Moderator: Carlos Cantero (UdL-Agrotecnio, Spain) Panellists: <table><tr><td> Irrigated Crops - Enrique Playán (CSIC -EEAD, Spain) - Noreldin Tahany (ARC, Egypt) - Öner Çetin (U. Dicle, Türkiye) </td><td> Soils/Water - Emmanuele Lugato (JRC-EC, Italy) - Sihem Benabdallah (CERTe, Tunisia) </td><td> Biodiversity/Rangelands - Yolanda Pueyo (CSIC-IPE, Spain) - Yacine Kouba (U. Boumerdes, Algeria) </td></tr></table>	Irrigated Crops - Enrique Playán (CSIC -EEAD, Spain) - Noreldin Tahany (ARC, Egypt) - Öner Çetin (U. Dicle, Türkiye)	Soils/Water - Emmanuele Lugato (JRC-EC, Italy) - Sihem Benabdallah (CERTe, Tunisia)	Biodiversity/Rangelands - Yolanda Pueyo (CSIC-IPE, Spain) - Yacine Kouba (U. Boumerdes, Algeria)	14.00-14.45
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Discussion Round Table 2	14.45-15.30			
Coffee break	15:30-16:00			
Round Table 3 – Circularity and inputs efficiency	16.00-17.30			
Moderator: David Yáñez (CSIC-EEZ, Spain) Panellists: <table><tr><td> Crops - Luis Lassaleta (Technical U. Madrid, Spain) - José Luis Gabriel (INIA-CSIC, Spain) - Jamal Hallam (INRA Maroc, Morocco) </td><td> Livestock - Lydia Lanzoni (FAO Rome, Italy) - Youssef Chebli (INRA Maroc, Morocco) - Rui Bessa (U. Lisbon, Portugal) - Nizar Moujahed (INAT, Tunisia) </td></tr></table>	Crops - Luis Lassaleta (Technical U. Madrid, Spain) - José Luis Gabriel (INIA-CSIC, Spain) - Jamal Hallam (INRA Maroc, Morocco)	Livestock - Lydia Lanzoni (FAO Rome, Italy) - Youssef Chebli (INRA Maroc, Morocco) - Rui Bessa (U. Lisbon, Portugal) - Nizar Moujahed (INAT, Tunisia)	16.00-16.45	
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Discussion Round Table 3	16.45-17.30			
Closing session: wrap-up discussion and closure	17.30-18.15			