PLANT PRODUCTION

* MASTER IN PLANT BREEDING

PLANT DISEASES CAUSED BY Xylella fastidiosa: DETECTION, IDENTIFICATION, MONITORING AND CONTROL

DATE: 24 Sep. 18/12 June 19 PLACE: Zaragoza ORGANIZATION: IAMZ/UdL

BIG DATA TECHNIQUES AND APPLICATIONS IN THE AGRI-FOOD SYSTEM

* MASTER IN OLIVE GROWING AND OIL TECHNOLOGY

DATE: 17-21 June 19 PLACE: Zaragoza ORGANIZATION: IAMZ/ICARDA

PLANT DISEASES CAUSED BY Xylella fastidiosa: DETECTION, IDENTIFICATION, MONITORING AND CONTROL

DATE: 12-16 Nov. 18 PLACE: Zaragoza ORGANIZATION: IAMZ/MAPA/EU

STATISTICAL TOOLS FOR GENOMIC AND PHENOMIC DATA ANALYSIS


USE OF SENSORS IN PRECISION AGRICULTURE

DATE: 3-7 Feb. 20 PLACE: Zaragoza ORGANIZATION: IAMZ/ICARDA

TECHNOLOGICAL INNOVATION FOR INTENSIVE GREENHOUSE PRODUCTION

DATE: 9-13 Mar. 20 PLACE: Almería ORGANIZATION: IAMZ/Fundación CAJAMAR

GREENHOUSE GAS ASSESSMENT AND MITIGATION IN AGRICULTURE: CONCEPTS, METHODS AND SIMULATION TOOLS

DATE: 30 Mar. – 3 Apr. 20 PLACE: Zaragoza ORGANIZATION: IAMZ/GRA/Red REMEDIA/4 per 1000 initiative

WATER REUSE FOR AGRICULTURE

DATE: 11-15 May 20 PLACE: Zaragoza ORGANIZATION: IAMZ/IAMB/ICARDA/ 5+5 Dialogue Water

ANIMAL PRODUCTION

* MASTER IN ANIMAL BREEDING AND REPRODUCTION BIOTECHNOLOGY

MANAGING DISEASE AT THE WILDLIFE-LIVESTOCK INTERFACE


LIVESTOCK AND CLIMATE CHANGE: ASSESSMENT OF EMISSIONS, MITIGATION OPTIONS AND ADAPTATION STRATEGIES

DATE: 26-30 Nov. 18 PLACE: Zaragoza ORGANIZATION: IAMZ/MAPA


ANTIMICROBIAL RESISTANCE AND ONE HEALTH: IMPLICATIONS FOR AGRICULTURAL SYSTEMS, FOOD SAFETY AND THE ENVIRONMENT

DATE: 18-22 Mar. 19 PLACE: Zaragoza ORGANIZATION: IAMZ/OIE/FAO

PRECISION LIVESTOCK FARMING

DATE: 1-5 Apr. 19 PLACE: Zaragoza ORGANIZATION: IAMZ

* MASTER IN ANIMAL NUTRITION

DATE: 30 Sep. 19/5 June 20 PLACE: Zaragoza ORGANIZATION: IAMZ/UZ/FEDNA/ UPM

ENVIRONMENT

LIVESTOCK AND CLIMATE CHANGE: ASSESSMENT OF EMISSIONS, MITIGATION OPTIONS AND ADAPTATION STRATEGIES


SOCIAL INNOVATION IN RURAL AREAS

DATE: 18-22 Nov. 19 PLACE: Zaragoza ORGANIZATION: IAMZ/EU SIMRA project

GREENHOUSE GAS ASSESSMENT AND MITIGATION IN AGRICULTURE: CONCEPTS, METHODS AND SIMULATION TOOLS

DATE: 30 Mar. – 3 Apr. 20 PLACE: Zaragoza ORGANIZATION: IAMZ/GRA/Red REMEDIA/4 per 1000 initiative

WATER REUSE FOR AGRICULTURE

DATE: 11-15 May 20 PLACE: Zaragoza ORGANIZATION: IAMZ/IAMB/ICARDA/ 5+5 Dialogue Water

FOOD SCIENCE, TECHNOLOGY AND MARKETING

FOOD LOSS AND WASTE REDUCTION AND MANAGEMENT


ANTIMICROBIAL RESISTANCE AND ONE HEALTH: IMPLICATIONS FOR AGRICULTURAL SYSTEMS, FOOD SAFETY AND THE ENVIRONMENT

DATE: 18-22 Mar. 19 PLACE: Zaragoza ORGANIZATION: IAMZ/OIE/FAO

BIG DATA TECHNIQUES AND APPLICATIONS IN THE AGRI-FOOD SYSTEM

DATE: 17-21 June 19 PLACE: Zaragoza ORGANIZATION: IAMZ/ICARDA

* MASTER IN AGRO-FOOD MARKETING

DATE: 30 Sep. 19/5 June 20 PLACE: Zaragoza ORGANIZATION: IAMZ
FISHERIES AND AQUACULTURE

* MASTER IN AQUACULTURE
  
  APPLICATION OF EPIDEMIOLOGY IN AQUATIC ANIMAL HEALTH
  3 Oct. 18/14 June 19
  Las Palmas de Gran Canaria
  ULPGC/IAMZ

  SEAFOOD VALUE CHAIN ANALYSIS
  25 Feb. – 1 Mar. 19
  Zaragoza
  IAMZ/MedAID project

  * MASTER IN SUSTAINABLE FISHERIES MANAGEMENT
  13-17 May 19
  Zaragoza
  IAMZ/FAO

  DIAGNOSTICS AND PREVENTION FOR FISH PARASITE CONTROL IN AQUACULTURE
  7 Oct. 19/12 June 20
  Alicante
  UA/IAMZ/MAPA/FAO-GFCM

  SUSTAINABILITY ASSESSMENT AND SOCIAL ACCEPTANCE OF AQUACULTURE PRODUCTION
  21-25 Oct. 19
  Zaragoza
  IAMZ/EU ParaFishControl project

  SMART TRACEABILITY AND LABELLING TOOLS FOR A SUSTAINABLE SEAFOOD PRODUCTION
  24-28 Feb. 20
  Zaragoza
  IAMZ/EU MedAID project

  8-12 June 20
  Zaragoza
  IAMZ/EU SEA-TRACES project/FAO

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Master Programmes (120 ECTS) (marked * in the list). They initiate every two years. The dates correspond to the 1st year of the Masters.

- PLANT BREEDING: 18-19; 20-21; 22-23
- OLIVE GROWING AND OIL TECHNOLOGY: 19-20; 21-22; 23-24
- ANIMAL NUTRITION: 19-20; 21-22; 23-24
- ANIMAL BREEDING AND REPRODUCTION BIOTECHNOLOGY: 18-19; 20-21; 22-23
- AGRO-FOOD MARKETING: 19-20; 21-22; 23-24
- AQUACULTURE: 18-19; 20-21; 22-23
- SUSTAINABLE FISHERIES MANAGEMENT: 19-20; 21-22; 23-24

The Masters are essentially aimed at university graduates in the process of attaining a postgraduate specialization. Nevertheless, the 1st year is structured in independent units to facilitate the attendance of professionals interested in partial aspects of the programme. Participants fulfilling academic requirements may opt to continue for a 2nd year for the obtention of the Master of Science Degree. The deadline for submission of applications to participate in the Master in Olive growing and oil technology is 15th April 2019. The deadline for submission of applications to participate in the Masters in Animal nutrition, Agro-food marketing and Sustainable fisheries management is 4th May 2019. The deadline for submission of applications for the Masters in Plant breeding, Animal breeding and reproduction biotechnology and Aquaculture is 4th May 2020.

The State of Spain has conferred the CIHEAM Master of Science degree, issued through the IAMZ, the equivalence with the official Master degree of the Spanish university system.

The short duration courses are aimed preferably at researchers and professionals whose work is related to the subject matters of the courses. The registration period for these short courses will finish ninety days before the starting date of the course.

Scholarships. Candidates from CIHEAM member countries (Albania, Algeria, Egypt, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia and Turkey) may apply for scholarships covering registration fees, and for scholarships covering the cost of travel and full board accommodation during the course. Candidates from other countries who require financial support should apply directly to other national or international institutions.

Nevertheless, in some of the courses jointly organized with other institutions, scholarships may be awarded for candidates of some non-CIHEAM member countries. It is advisable to consult the corresponding scholarship section in the information leaflet specifically provided for each course programmed.

Information and registration. The information leaflets of each course are published 6-8 months before the beginning of the course. The leaflets may be obtained from IAMZ or directly from the website, where the corresponding information about application procedures is also available: [www.iamz.ciheam.org](http://www.iamz.ciheam.org)
Mediterranean Agronomic Institute of Zaragoza (IAMZ)

Accredited as CIHEAM Institute in 1969, the IAMZ fulfils the objectives of developing agricultural cooperation by updating and perfecting the training of professionals and promoting research programmes of common interest for agriculture in the Mediterranean region.

The objectives guiding the development of the activities are focused on:

- The sustainability of the Mediterranean agricultural and natural systems
  - Sustainable agriculture.
  - Policies and management of ecosystems and natural resources.
- Increasing the value of Mediterranean productions
  - Improvement of the efficiency of production systems and markets.
  - Valorization of agro-food products.
  - Introduction and application of innovative methods and techniques.

Plant and animal productions, food technology and marketing, environment, and fisheries and aquaculture are the work areas that frame the courses and the cooperative research programmes.

The activities involve annually more than 500 professionals of 40 nationalities that participate in the courses, 370 lecturers from more than 30 countries and 400 Mediterranean researchers integrated in the cooperative research programmes that IAMZ coordinates.

A large part of the activities are carried out in collaboration with numerous national and international institutions of the Mediterranean region taking place both at the IAMZ and in other centres of Mediterranean countries.

The IAMZ is situated on the Campus of Aula Dei and some of its activities interact closely with the research and experimentation programmes that are carried out in the various institutions on campus.

The IAMZ has collaboration agreements with the main universities of the neighbouring area.

International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM)

An intergovernmental organization created in 1962 under the auspices of the Council of Europe and the OECD.

Mission: To develop cooperation between Mediterranean countries through postgraduate training and promotion of cooperative research in the field of agriculture and natural resources.

Member countries: Albania, Algeria, Egypt, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia and Turkey.

Governing Board: Directs the policy of the Centre. Composed of a representative of each member country, and representatives of the Council of Europe and the OECD. The FAO, the EC, and the AOAD participate as observers.

Scientific Advisory Committee: Members are eminent independent scientists that advise the Governing Board in the definition of the Centre’s scientific policy.

General Secretariat: Coordinates the activities of the Centre. Its headquarters are in Paris. It is composed of the Secretary General, the Directors of the Mediterranean Agronomic Institutes and the attached staff.

Mediterranean Agronomic Institutes: The Centre has 4 Mediterranean Agronomic Institutes situated in Bari (Italy), Chania (Greece), Montpellier (France) and Zaragoza (Spain).