



CIHEAM
International Centre for Advanced
Mediterranean Agronomic Studies

Country Activities Report

December 2015

TURKEY

Member since 1962



Founded in **1962**, the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM) is an **intergovernmental organisation** composed of **thirteen member states** (Albania, Algeria, Egypt, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia and Turkey).

CIHEAM is at the service of its member states to promote **multilateral cooperation** in the Mediterranean in the fields of **agriculture, food, fishery** and **rural territories**, aiming to respond to the **needs** of the States and of the agro-food actors.

CIHEAM pursues this cooperation mission through **specialised training, networked research, scientific diplomacy** and **political partnership**. Thanks to its activities, CIHEAM therefore contributes to the elaboration of a global, structural and engaging vision for development in the Mediterranean. Providing concrete solutions, sharing experiences and promoting useful knowledge are among the main objectives of each one of its actions.

Around **170 permanent agents** and hundreds of consultants regularly work within the 5 headquarters of the Organisation: the 4 **Mediterranean Agronomic Institutes (MAI)** based in **Bari** (Italy), **Chania** (Greece), **Montpellier** (France), and **Zaragoza** (Spain); the **General Secretariat** is located in **Paris** (France), and are at the same time active in the Mediterranean countries to develop activities and projects.

ciheam.org



KEY INFORMATION



Date of Adhesion

1962

Compulsory Contribution in 2015

103 363€

CIHEAM President

Masum Burak

General Director of Agricultural Research and Policies; Ministry of Food, Agriculture and Livestock of Turkey

Name and Position of the Delegate

Nevzat Birisik

Deputy Director General of Food and Control Directorate; Ministry of Food, Agriculture and Livestock of Turkey

Education and Training

CIHEAM MSc cycles (from 2003/2004-to 2014/2015)

260 Turkish students including 240 scholarships

CIHEAM Specialized Training (from 2004/2005-to 2014/2015)

464 Turkish participants including 383 scholarships

Main current research and technical projects

CYBERTERROIRS, SUSTAINMED, FRUIT MED, QualVET, AQUA.TS

Main current networks

MOAN, MED-Spring, MED-Amin, ERANETMED, CREAM, Cooperative Network on Olive Oil Authentication, MODEL

Last political events with Turkey

Participation in the 10th CIHEAM Ministerial Meeting, Algiers, February 6th, 2014

Participation in the Euro-Mediterranean Conference on Agriculture, Palermo, November 28th, 2014

Organisation of the G20 Meeting, Antalya, November 15th and 16th, 2015

Organisation of Second G20 Agriculture Ministers' Meeting, Istanbul, May 6th -8th, 2015

Organisation of the Fourth Meeting of G20 Agricultural Chief Scientists, Izmir, July 27th - 29th 2015

Last publications

Bor O., *Economics of Dairy Farming in Turkey*, in Watch Letter 35, Milk and Dairy products in the Mediterranean, CIHEAM, Paris, December 2015.

Onen H., Farooq S., *Current Status and Future Prospects of Invasive Plants in Turkey*, in Watch Letter 33, Invasive Species in the Mediterranean, CIHEAM, Paris, June 2015.

To be recorded

- Dr. Masum Burak, currently President of the CIHEAM Governing Board, was Chairman of the CIHEAM Scientific Advisory Committee from 2008 to 2012.
- In October 2007, the Higher Education Council of the Republic of Turkey officially recognised CIHEAM's MSc degree as equivalent to Turkish Master Degree.

POLITICAL DIALOGUE

CIHEAM Ministerial Meetings

Turkey has been involved in all the Meetings of the Ministers of Agriculture, Food and Fisheries of the CIHEAM Member Countries. CIHEAM organised the first meeting of its thirteen member countries' ministers of agriculture in 1999. The aim was to establish a dialogue between Mediterranean countries on agricultural and rural issues and enable them to agree on a common approach to them. These biennial ministerial meetings provide an opportunity for discussion of agricultural, food and rural issues in the Mediterranean area. The strategic dimension of these meetings is enhanced by the participation of the major international organisation active in the region.



The 8th ministerial meeting took place in Istanbul on the 8th of March 2010. It was inaugurated by H.E. Mr Mehmet Mehdi Eker, Turkish Minister of Food, Agriculture, and Livestock. The meeting focused on the effects of climate change on food security and safety in the Mediterranean region and on the actions to be taken. Mr Eker expressed Turkey's support to all the international and regional efforts to handle the consequences of climate change on agriculture and those of agriculture on climate change. In fact, Turkey

has been prioritizing environmentally-friendly development policies, and renewable energy sources.

The ministers of agriculture of the 13 member states of CIHEAM, or their representatives, met in Algiers on the 6th of February 2014 in the presence of many representatives of international organisations, including the General Director of FAO. The discussions focused on the sustainable food security in the Mediterranean Basin. This was the 10th multilateral meeting of this type

organised in fifteen years, demonstrating hence the capacity of the CIHEAM member states to gather regularly around these strategic issues of agriculture, food, and rural territories. H.E. Mr Mehmet Mehdi Eker was the head of the Turkish Delegation to the 10th ministerial meeting. Mr Eker highlighted the measures and policies undertaken by Turkey to enhance sustainable food security. He also reiterated Turkey's will to actively cooperate with CIHEAM and its member countries, especially



Turkey participated in the Conference with Mr. Vedat Mirmahmutogullari, Undersecretary at the Ministry of Food, Agriculture and Livestock

through the important projects his country has achieved. He said: *"The existence of CIHEAM is an opportunity and a chance for member countries. However, there is a need to reorganize the activities of CIHEAM, considering recent possible threats to food security such as food, water and energy*

security, besides the climate change, drought, salinity, soil degradation, water scarcity, decline in biodiversity, price volatility etc.". Mr Eker invited all the CIHEAM ministers to attend the EXPO 2016 in Antalya on "Flowers and Children" where 8 million people are expected to attend. In the Interview for the CIHEAM Watch Letter n°30, published in September 2014, The Minister also underlined the battle against food waste for a better Mediterranean Food Security, illustrating the issue by the current plan developed by Turkey in order to avoid the waste of bread.

Euro-Mediterranean Conference on Agriculture (2014)

In the framework of the Italian Presidency of the Council of the European Union, on the 28 November 2014, the Italian Authorities have organised a Euro-Mediterranean Conference on Agriculture in Palermo (Sicily) and focused on Young Generations and Research in Agriculture. Ministers or Representatives of 27 countries from the European Union, the Balkans, North Africa and the Middle East as well FAO Director General and several international and regional organisations (European Commission, CIHEAM, UfM, ICARDA, CEJA, SWG-RDD) participated to the Conference.

2015 G-20 Antalya Summit, Agriculture Ministers' Meeting

As the G20 Chair in 2015, Turkey has decided to place the challenges of food and nutrition security among the main priorities of its G20 Presidency, highlighting in particular the issue of Food Losses and Waste (FLW). In this context, on May 7 and 8, 2015, the second ministerial meeting on agriculture of the G20 Member States was organised in Istanbul after the first one held in Paris in June 2011.

Bringing together the majority of the ministers of the 20 largest economies of the world, but also those of the invited countries (Singapore, Sweden, Azerbaijan, Malaysia, Spain) and the heads or representatives of several International Organizations (FAO, World Bank, IFAD, WFP, OECD, IFPRI), the meeting unanimously adopted an ambitious declaration composed of 14 points. One of the main outcomes of this meeting consists of the establishment of a new Platform building on existing systems aimed at considering the measurement framework proposed by International Organisations and for sharing information and experiences in terms of reducing food losses and waste.



Agricultural Ministers Meeting, G20 Turkey, 2015

The Turkish Minister of Food, Agriculture and Livestock, H.E. Mehmet Mehdi Eker, invited the CIHEAM to take part in the meeting of Istanbul. As a founding member of our Organisation in 1962, Turkey has always supported the CIHEAM in its actions aimed at reinforcing Mediterranean cooperation in agriculture, food and rural affairs.

The speech of the Secretary General, Dr. Cosimo Lacirignola, focused on the main theme of the G20 Ministerial meeting. He stressed the *“very sensitive issue of Food Waste and Losses in the Mediterranean countries that should be addressed through a three-fold approach: the need to reduce the waste of natural resources (i), the need to reduce the waste of food products (ii), and the need to stop the waste of knowledge and traditional know-how (iii)”*. He emphasized the Mediterranean specificities of the global food challenges: *“Improving agricultural productivity, strengthening food security and stimulating inclusive growth in rural areas are strategic pillars for better sustainable development and greater human security in the Mediterranean Region. The CIHEAM is therefore implementing a set of actions in order to assist European, North African and Middle Eastern countries to face these challenges. We are convinced that these challenges can only be addressed through multilateral cooperation. Education, Research, Science and Technical Projects are at the core of the CIHEAM’s Food Diplomacy”*, he said.

During its Presidency in 2015, Turkey focused its efforts on ensuring inclusive and robust growth through collective action, formulated as the three I’s for the Turkish Presidency: Inclusiveness, Implementation and Investment for Growth.

Within this framework, G20 Leaders endorsed the G20 Action Plan on Food Security and Sustainable Food Systems, which underlines the commitment to improve global food security and nutrition and ensure that the way to produce, consume and sell food is economically, socially and environmentally sustainable. They remain focused on promoting responsible investment in agriculture and food systems, improving market transparency, increasing incomes and quality jobs, and fostering sustainable productivity growth. They emphasized the need for particular attention to the needs of smallholder and family farmers, rural women and youth. They are also committed to reducing food loss and waste globally. They also welcomed Expo Milano with the theme *“Feeding the Planet-Energy for Life”*. They also welcomed G20 Agriculture Ministers’ decision to establish a new platform to improve the way to measure and reduce food loss and waste.

They have also endorsed the decisions taken during the MACS Meeting.

Expo 2016 Antalya.

As Turkey's first EXPO, EXPO 2016 Antalya will be held from April to October 2016.

Starting with the philosophy of "Cultivating a Green Life for Future Generations", EXPO 2016 Antalya has adopted the theme of "Flowers and Children" along with the motto "A Green Life for Future Generations".

History, Bio-Diversity, Sustainability and Green Cities make up the four subthemes of EXPO 2016 Antalya.

EXPO 2016 Antalya, which will host national and international congresses, panels, meetings and seminars will be held, will also provide cultural and artistic activities for its guests.

It is anticipated that 8 million local and foreign visitors will visit EXPO 2016 Antalya over its 6-month duration.

EXPO 2016 Antalya will be held on a 112-hectare exhibit site in Aksu.

EXPO 2016 Antalya aims at being the start of a new way of thinking, the intoxicating scent of flowers and the laughter of children throughout the city bringing with it hopes for a greener world.



EDUCATION, CAPACITY BUILDING & TRAINING

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Focus on the relation with CIHEAM-Montpellier

A partnership has been established since 2012 between CIHEAM-Montpellier and the French Embassy in Turkey (the Cooperation and Cultural Action Service) in order to promote the education of the Turkish Students in Master 2 at CIHEAM-Montpellier. Bilateral agreements were signed for the period 2008-2013 in the framework of the Life-long learning Programme (LLP), and its pillar Erasmus-Mundus. The agreements were established between CIHEAM-Montpellier and the Akdeniz University, Antalya, and between CIHEAM-Montpellier and the Galatasaray University, Istanbul. It is worth noting also that between 2003 and 2013, 61 Turkish Students followed the course “French as a foreign language” at CIHEAM-Montpellier.



FORMER STUDENT FOCUS



Nihal Buzkan got her B.Sc. from the Cukurova University, Horticulture Department, Agricultural Faculty (Adana, Turkey). She received two M.Sc. degrees on "Clonal propagation of rootstocks for sweet- and sour cherry by meristem culture" from Cukurova University and "Use of PCR for the diagnosis and epidemiology of trichoviruses" from CIHEAM-Bari. Her study in Italy was awarded as the best thesis among all other CIHEAM Institutes in 1996. She completed Ph.D. study at Department of Plant Protection and Applied Microbiology of Bari University in 2000, then transferred to University of California, Davis, USA for Post-doc research activity in 2000-2002. She has been working at Plant Protection Department of Agriculture faculty at Kahramanmaras Sutcu Imam University, Kahramanmaras, TURKEY since 2000 for teaching and research. She has collaborations with various national and international research centres for plant pathology on virus and virus-like diseases of grapevine and pepper.



Zeynep Bilgi Bulus, has a M.Sc. degree from CIHEAM-Montpellier (1993-1995) on « The Turkish Milk Industry and the Leaders Conduct ». Once back in Turkey, she had been working on the biodiversity preservation in the Society for the Protection of Nature in Turkey (DHKD), and for the recognition of humid zones in Turkey. In 2000 she became coordinator for for the United Nations Programme of the Small Grants Programme of the Global Environment Facility (GEF) in Turkey. She worked there until she decided to work in agriculture herself. Since July 2008, she lives in a farm North of Turkey, and works part-time for international and nongovernmental organisations, while focusing on the study of ecological agriculture practices.



Mucahit Taha Ozkaya is an Associate Professor at Ankara University. He has a M.Sc. in Agricultural and Horticultural Sciences from CIHEAM-Chania (1989-1991). He has many publications in peer reviewed international journals. His main areas of interest include Horticulture, olive and olive oil technology, history and culture.



Ismet Yalcin is since 2007 Deputy Secretary General of the Under-Secretariat for Foreign Trade, Central Anatolian Exporters Union. He graduated in Agricultural Economics from Ankara University in 1988, received a Master of Science degree in Agro-Food Marketing from CIHEAM-Zaragoza in 1991 and a Master of Science in Agricultural Economics from Ankara University in 1994. In 2003 he obtained a PhD in Agricultural Economics from Çukurova University. He has more than 18 years of experience in agronomy and market and sector analysis at national and international level. He has worked for many years as a consultant for the FAO and the World Bank and for 15 years as Director of the R&D Department at the Under-Secretariat for Foreign Trade, Central Anatolian Exporters Union.



Ayşe Keser Kanmaz is working as a consultant in agriculture sector, for foreign trade since 2011. She is graduated in Agricultural Irrigation and Drainage department from Cukurova University in 1995, and has a Master of Science degree from CIHEAM-Bari (1996-1998) on "Determination of the effects of irrigation Intervals and Nitrogen dozes on the yield and quality of greenhouses roses". She started to her professional life in a seed company in 1999 until 2001, and right after that she transferred to another sector which is dealing with fertilizing as a Development Unit and Foreign Manager up to 2009. She has an experienced employee on international business as well. She deals with Agriculture inputs exports: hybrid vegetable seeds from Turkish breeder companies in many Middle East Countries and also Israel. And also export fertilizer products to some of European countries.



Dr. Esra Seyran is an Assistant Professor at Department of Molecular Biology and Genetics, at Cumhuriyet University, Turkey. After completing the post-bachelor specialization course, with the support of Italian Foreign Ministry at CIHEAM-Bari in 2001, she was granted with the research assistantship of the University of Arkansas, USA where she earned her M.Sc degree in 2004 and Ph.D. degree in 2011. She was granted with Asia Rice Foundation Research Award, in 2006. From 2011 to 2013 she worked at European Commission as a Scientific Project Officer at Standard for Security and Knowledge Transfer Unit.

CIHEAM-Bari



Mediterranean Dialogue on Integrated Water Management (MELIA)

Structuring a dialogue among the key stakeholders concerned and affected by water use and management, such as scientists, professionals, decision makers, policy makers, water providers, media professionals, educators and citizens. The achievement of this dialog and the dissemination and exploitations of the recommendations obtained creates real added value at the European and Mediterranean scale (2006-2010).

<http://www.meliaproject.eu>

Turkish Partners

*Agricultural structures and irrigation department, Faculty of Agriculture, Cukurova University (CU)
Middle East Technical University-Water Resources Centre (METU-WRC)
South Eastern Anatolia Project – Regional Development Administration (GAP-RDA)
Sanliurfa Kisas Water Users Association (KISAS)*



Mediterranean Innovation Research Coordination Action (MIRA)

Develop and support the dialogue between EU-MPCs by bringing together policymakers and stakeholders from each MPC and EU Member States; create a dialogue and action platform to identify common interest in research areas, set up S&T priorities, support capacity building activities and enhance the interaction between different cooperation instruments of the EC; promote actions in order to monitor, develop and contribute to creating synergies among the various S&T cooperation programmes between MPCs/EU and foster the participation of the MPCs in the framework Programmes (2008-2011). This project was valorized by a 2013 Options Méditerranéennes publication.

<http://www.miraproject.eu/project-mira>

Turkish Partner

Turkish Academy of Sciences



Program: “Agriculture and Livestock Support for Syrian People”

The Program managed from Gaziantep – Turkey, as early recovery intervention, will support the resilience of the Syrian Rural Communities through the concrete effort of the Agriculture Ministry of the Syrian Interim Government (SIG) and the involved Local Council Administrations (LCA).

The Specific Objective is the “Increase agricultural and livestock production and household income of Local Communities, in moderate held areas, through provision of inputs and services made available by the Ministry of Agriculture of SIG and by the LCAs”.

The General Objective is “To improve the livelihood of the rural population through the strengthening of agricultural production with short- and medium-term interventions”

The activities will be addressed as follows: a) Delivery in Syria of inputs and small equipment for crops; b) services in Syria for crops treatments; c) Support to livestock production with distribution of medicines, vaccines and concentrated fodders; d) Capacity building and technical assistance activities for Syrian technicians; e) Analysis of the state of the art of agriculture and rural areas in the program districts.

The area of intervention involves the North West Districts of Aleppo Governorate and the North Districts of Idleb Governorate.

(2015-2016).

Partners

Turkish Ministry of Foreign Affairs

Turkish Cooperation and Coordination Agency (TIKA)

Italian Ministry of Foreign Affairs and International Cooperation

British Department for International Development (DFID)

Agriculture Ministry of the Syrian Interim Government

Group of Friend of Syrian People

Global Change Impacts on Wildland Fire Behaviour and Uses in Mediterranean Forest Ecosystems, towards a « wall less » Mediterranean Wildland Fire Laboratory - MedWildFireLab

During the past thirty years, many research activities dealing with wildland fires in the Mediterranean region have been carried out; MedWildFireLab aims to capitalize existing knowledge, identify complementarities, overlaps, gaps and barriers for improving coordination and networking of the existing projects, networks and research infrastructures. Such information is crucial for developing new integrated management strategies, identifying needed changes in policies and future research needs.

The objectives of MedWildFireLab are: to develop an integrated Mediterranean forest information system as basis for fostering the cooperation and exchange of knowledge and know-how; to work towards common concepts and vocabulary adapted to Mediterranean context; to address the policy makers proposals and recommendations for up-dating wildland fire policies; to support the transnational access to existing research networks and infrastructures towards a new transnational joint research structure willing to ensure a long-lasting cooperation in this field, the “wall less” Mediterranean Wildland Fire Laboratory.

Turkish Partner

IFFTC General Directorate of Forestry Regional Forestry Directorate of Antalya International Forest Fires Training Centre/TURKEY



Establishing common models of integrated sustainable monitoring, planning and management of high environmental value areas to control natural resources degradation (INNOVA)

The final objective is to improve sustainable management of high environmental value area, through the adoption of common guidelines of monitoring, planning and management of the Mediterranean eco-region (2006-2008).

<http://www.innovaproject.net>

*Turkish Partner
Ege University*



Market and Trade Policies for Mediterranean Agriculture: the case of fruit/vegetable and olive oil (MEDfrol)

The project analyses the macroeconomic environment and agricultural sectors of the thirteen Mediterranean, non-EU countries. Although the analysis will cover all main commodities of the investigated regions, particular emphasis will be placed on their fruit and vegetables and olive oil production, since these products are among the most important commodities produced in these countries with significant contribution to the national economies (2004 – 2007).

<http://medfrol.maich.gr>

*Turkish Partner
Ege University, Faculty of Agriculture*



Harmonious Development of Rural and Insular Areas (HADRIAMed)

Enhance the role of isolated, mountain, and island areas in a modern socioeconomic context, through the development of a territorial planning focused on the attraction of new residents in isolated areas and tools for sustainable socioeconomic development (2006 – 2008).

*Turkish Partner
Department of Agricultural Economics Ege University*



Towards a reciprocal recognition of quality assurance systems in VET for Tourism Acronym (QualVET)

Establish a quality assurance mechanism aimed at improving the quality and competitiveness of tourism education and training in Europe (2012-2014).

*Turkish Partner
Tarsus Chamber of Commerce and Industry*

Automatic control quality tool system (AQUATS)

Develop and test a process of controlling the quality of education through the use of the indicators set out in the Common European Framework EQAVET (2013-2015).

Turkish Partner
Fethiye Tourism Training Center

CIHEAM-Montpellier



Information system for the valorization of local and mountain products in the Mediterranean (CYBERTERROIRS)

The project is financed by CIHEAM and FAO. It has been valorized by several Options Méditerranéennes publications. (2006-2014).

www.cyberterroirs.org



Sustain Agriculture in the Mediterranean Region (SUSTAINMED) 2010-2014

The overall objective of the EU FP7 SUSTAINMED was to examine and assess the impacts of EU and national agricultural, rural, environmental and trade policies in the Mediterranean Partner Countries (MPCs).

Specific impacts include socio-economic structural changes, income distribution, resource management, trade liberalization, poverty alleviation, employment and migration trends, as well as commercial relations with major trade partners (in particular the EU) and competitiveness in international markets.

<http://sustainmed.iamm.fr/>

Turkish Partners
Akdeniz University
Ege University, Faculty of Agriculture

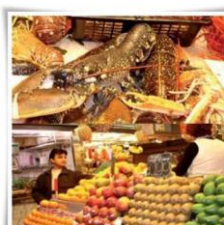


Preserving Fruit Diversity in the Mediterranean (FRUIT MED)

Preserve the Fruit biodiversity in the Mediterranean in particular olive trees, almond trees, and fig trees (emblematic trees in the Mediterranean). (2009-2012)

<http://umr-dap.cirad.fr/>

*Turkish Partner
Akdeniz University*



Food security in the Mediterranean in the 2030 horizon: qualitative and quantitative aspects (SAMAQQ 2030)

The project mobilized the Mediterranean network of CIHEAM-Montpellier and allowed the emergence of the main scientific research orientations necessary for more food security in the Mediterranean basin. The collective reflection was based on 4 global scenarios highlighted in the 2008 Mediterra Report of CIHEAM (2009-2011).

*Turkish Partners
Institute for Science and Technology
Izmir University*



International Competitiveness of Turkish Agri-Food Industry

Boost the competitiveness of agri-food Turkish enterprises facing globalization (2005-2008).

*Turkish Partners
Turkish industrialists and businessmen's association (TUSIAD)
Marmara University
Galatasaray University
Yıldız Technical University*



Efficient water use through environmentally sound hydroponic production of high quality vegetables for domestic and export markets in Mediterranean countries (ECOPONICS)

Improving water use efficiency for fresh and saline water, validating of management options capable of setting up the growing system ECOPONICS with sustainable yields and product qualities in some fruit vegetables (2003-2006)

www.ecoponics.de

*Turkish Partner
Ege University, Faculty of Agriculture*

Diagnosis and Control of Salinity and Nitrate Pollution in Mediterranean Irrigated Agriculture (QUALIWATER).

The ultimate aim of this project was to provide guidelines to sustain irrigated agriculture while protecting water resources from the negative pollution impacts of agricultural drainage water disposal. Our objective is to provide scientific, technical and socio-economic information on the salt and nitrogen contamination effects and on pollution control measures in Mediterranean irrigated agriculture (2006-2009).

<http://www.iamz.ciheam.org/qualiwater>

Turkish partners

Çukurova University, 6th Directorate of State Hydraulic Works, Irrigation districts of Akarsu and Yemisli





Mediterranean Organic Agriculture Network (MOAN)

MOAN is an institutional Network created in 2006 (first, it was launched in 1999 by involving experts) that plans to gather the Ministries of Agriculture of 24 Euro-Mediterranean countries. MOAN is a tool for decision makers to exchange information and good practices related to organic agriculture, to share common strategies for its further development in the Mediterranean area and to valorise its potential and identity in the global debate.

<http://moan.iamb.it/>

Turkish Partner
Ministry of Food, Agriculture, and Livestock



Mediterranean Science, Policy, Research & Innovation Gateway (MEDSPRING)

The Mediterranean Science, Policy, Research & Innovation Gateway is a coordination and support action (FP7). The project is focused on three societal challenges (Energy, High Quality Affordable Food, and Scarcity of resources) and aims at tackling policy objectives by creating a dialogue and coordination platform of governmental institutions, research organisations, associations and civil society (2013-2016).

<http://www.medspring.eu/>

Turkish Partner
The Technological and Scientific Research Council of Turkey (TUBITAK)



Feeding Knowledge

Developed by CIHEAM-Bari and Politecnico di Milano, Feeding Knowledge is the Expo 2015 Program for cooperation on research and innovation on Food Security. It will contribute to building up the Legacy of Expo, whose claim is: "Feeding the Planet, Energy for Life". The main purposes are the creation of a Mediterranean network focused on research, innovation and transfer of knowledge for Food Security (i), the implementation of a collaborative online environment based on an International Technology Platform (ii), the identification of 12 national local points in order to strengthen National Extension Services in gathering needs related to the transfer of knowledge to stakeholders and farmers (iii), the identification and enhancement of the Best Sustainable Development Practices for Food Security in the frame of Expo Milano 2015 (iv) and the support for policy makers in the elaboration of programmes and policies (v).

www.feedingknowledge.net

*Turkish Partner
Ege University*



Euro-Mediterranean Cooperation through Eranet Joint Activities and Beyond (ERANETMED)

The kick off meeting of Eranetmed was held in Turkey on 4-5 November 2013. The main aim of the project is to enhance Euro-Mediterranean co-ownership through innovation and competitive research in the societal challenges of the region. The project aims at reducing fragmentation of programming in the Mediterranean region by increasing coordination among national research programmes of European Member States, Associated Countries and Mediterranean Partner Countries. ERANETMED responds to the need to develop new ways of "sustainable" cooperation, in which both European and MPC partners will equally participate and benefit from the output and the opportunities created by the project. The ERANETMED will consider a broad area for research, addressing not only the most important societal challenges of the region but also actions to enhance innovation through applied research, capacity building, mobility and clustering. Its action will result in concrete co-operation between research programmes, such as networking, definition of strategic scientific activities, research structuring for long-lasting and stable cooperation beyond ERANET (2013-2017).

<http://www.eranetmed.eu/>

*Turkish Partner
The Technological and Scientific Research Council of Turkey (TUBTAK)*



Mainstreaming Gender Dimensions into Water Resources Development and Management in the Mediterranean Region (GEWAMED)

The project is a coordinated action and this means it emphasizes networking and co-ordination of ongoing research activities. A total of 18 institutions from 14 countries from the Mediterranean Region participate in the project (2006-2010).

<http://www.gewamed.net/index.php>

Turkish Partner
Çukurova University – Faculty of Agriculture

CIHEAM-Chania



Cooperative Network on olive oil authentication

Enhance the dissemination of the prospects of innovative technologies and fill the gap between research and service development. Cooperation in know-how transfer to all Mediterranean countries will promote its use and lead to acceptance by regional stakeholders and industry (2014-).

http://www.maich.gr/en/education/horticultural_genetics_and_biotechnology/networks

Turkish Partner
Ankara University

CIHEAM-Montpellier



Mediterranean Agricultural Markets Information Network (MED-AMIN)

MED-Amin, launched in 2014, aims at fostering cooperation and experience sharing among the national information systems on agricultural markets. It is dedicated to grain (wheat, corn, barley, and rice), that are strategic for food security in the Mediterranean countries. This network, involving the 13 Member Countries of CIHEAM, operates in relation with the secretariat of the multilateral initiative AMIS (Agricultural Market Information System) located at FAO, and with the European Commission services. Italy has organized the 3rd meeting of the Network in Rome in October 2015.

Turkish Partner
Ministry of Food, Agriculture, and Livestock



Mediterranean Origin Products for Sustainable Development and Local Capacity Building network (Model Network)

The network was launched at the 3rd International Antalya Seminar on the "Governance of value chains, agro-food local produces and geographic indicators in Turkey and Other Mediterranean Countries" in December 2012. A meeting took place in May 2013 gathering tens of the network members. The 3th international Seminar and the Model network are a continuation of the seminars held in 2008 and 2010. The 2008 and 2010 Antalya Seminars were valorized by Options Méditerranéennes publications.

Turkish Partner

Turkey's Research Network on Local Products and Geographical Indications (YUCITA)



ARIMNET₂

ARIMNet is an ERA-Net supporting collaborative interdisciplinary projects based on complementarities between scientists, disciplines and countries in the Mediterranean. It promotes international collaborations to create research consortia in order to respond appropriately to the global stakes and challenges Mediterranean Agriculture is facing. The network identifies scientific priorities, provides funding and cooperation opportunities for researchers to work efficiently on a variety of transnational research projects or other joint activities that contribute to address the huge societal challenges related to food, rural development, water and natural resources that Mediterranean countries are facing today. ARIMNET₂ (2014-2017) will develop an integrated strategic research agenda (ISRA) describing key priorities for Europe and Mediterranean Partners Countries in the field of Mediterranean Agriculture Research and Innovation, will carry on joint activities and will foster agricultural knowledge and innovation system in order to ensure that the agricultural research impact the stakeholders of the Mediterranean basin and support their economies.

<http://www.arimnet2.net/>

Turkish Partner

***General Directorate of Agricultural Research, and Policy,
Ministry of Food, Agriculture and Livestock (GDAR)***



Enhancing Forest research in the Mediterranean through improved coordination and integration (Foresterra)

The project is part of the ERA-NET initiative. FORESTERRA aims to reinforce the scientific coordination and integration of Mediterranean forest research programmes as well as scientific cooperation with Mediterranean-area countries (including EU and non-EU member states) and with countries from other Mediterranean Climate Areas (MCA) in this case, Australia, South Africa, Chile and California (2012-2015).

<http://www.foresterra.eu/index.html>

Turkish Partner

Ministry of Forest and Water Affairs, General Directorate of Forestry, Southwest Anatolia Forest Research Institute (SAFRI)



FAO/CIHEAM Network on sheep and goats

To study and improve the sheep and goat production systems in the Mediterranean Region. In 1996, the collaboration between the three entities (FAO-REU, FAO-RNE and CIHEAM) became official upon the signature of an agreement to create a joint Network. The 14th International Seminar of the FAO-CIHEAM Sub-Network on Sheep and Goat Nutrition was held in Turkey, 15-18 May 2012. The 14th Meeting of the FAO/CIHEAM Network on Mediterranean Pastures and Fodder Crops held in Samsun, in Turkey from 3 to 6 October 2012 on Dokuz Mayıs University.

http://www.iamz.ciheam.org/en/pages/paginas/pag_investigacion3.htm

Turkish Partner

Ministry of Food, Agriculture, and Livestock



Drought management network for the Middle East, Mediterranean Region and Central Asia (NEMEDCA)

A drought management network whose main purpose is to promote cooperation in this field between countries in the Middle Eastern, Mediterranean and Central Asian regions. An International Seminar on Drought Management, was held in this framework in Istanbul (Turkey), 4-6 March 2010. The proceedings of the Seminar were valorized through an Option Méditerranéennes publication. (2001-2011)

http://www.iamz.ciheam.org/fr/pages/paginas/pag_investigacion4a.htm

Turkish Partner

Ministry of Food, Agriculture, and Livestock



Coordinating Research in Support to Application of Ecosystem Approach to Fisheries and Management Advice in the Mediterranean and Black Seas (CREAM)

Identify the gaps (in terms of data, knowledge, training, coordination) which hamper at present the full application of the Ecosystem Approach in the management of Mediterranean and Black Sea fisheries; training and capacity building to help harmonize data collection and methodologies used in fisheries assessment and management in the Mediterranean and Black Sea. Establish the guidelines for the applications of the Ecosystem Approach to Fisheries in the Mediterranean and Black Sea, both in EU member states and third countries (2011-2014)

<http://www.cream-fp7.eu>

Turkish Partner
Ege University Fisheries Faculty

FAO-CIHEAM Network Pastures and Fodder Crops

The Network was formally created in 1995 upon the agreement between FAO and CIHEAM. But activities on the topic (from thematic meetings to several research projects) had been carried out since the seventies. The objectives of this group of researchers and developers are to study and improve of forage crop production on irrigated and rain-fed land, development and management of typically Mediterranean rangelands and Mountain pastures, and to study and promote the environmental benefits created by grasslands and rangelands.

Turkey has been traditionally active in this Network, and the 12th Meeting of the Mediterranean Pastures Sub-network was held in Samsun in 2012, organized by the Ondokuz Mayıs University.

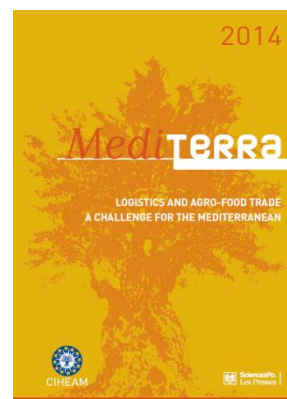
<http://www.iamz.ciheam.org/samsun2012/index.html>

Turkish partners
**Universities of Ondokuz Mayıs, Ankara, Bozok, Uludag, Harran, Ataturk, Ordu, Selcuk,
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**Ministry of Food, Agriculture and Livestock Black Sea Agricultural Research Institute, Aegean
Agricultural Research Institute, Field Crops Central Research Institute.**

LAST PUBLICATIONS

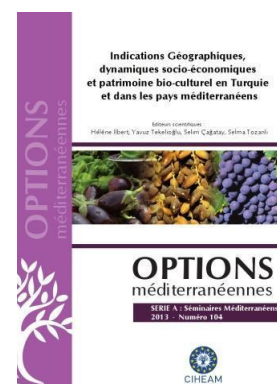
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This activity report is intended to synthetically present the main actions currently or recently conducted by CIHEAM with the Turkish authorities and national partners for training, research and cooperation.

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The contents of this report commits only CIHEAM.

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