



IARTC newsletter

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FATIMA Project 3rd Regional Meeting in Menemen Pilot Area ***“Farming Tools for external nutrient Inputs and water Management”***

FATIMA (Farming Tools for external nutrient Inputs and water Management) Project, which includes IARTC as a partner, has been initiated within European Commission Horizon 2020 program in 2015 with 21 partners from 12 countries and continues to be in motion. The project aims to develop new tools and bring innovation which optimize and combine agricultural input (water, fertilizer) use and management with a new approach towards intensive agriculture.

In IARTC, one of the 7 pilot areas, studies have been



conducted on wheat, cotton and maize. 3rd Regional Meeting, planned to relay the obtained data on winter wheat to final users (farmer, researcher, directors, decision makers etc.) took place on 22nd July 2016.

In the first part of the meeting briefings were announced about ongoing studies such as SPIDER software, socio-economical evaluations, water-energy-food relation, and scope of the policy analyses. On the second part of the meeting partners stated their opinions within partner evaluation and partners were

separated into three groups and moderators commenced a vision expansion.

Including farmers and experts from IARTC and EA-TEK, in total 61 representatives from Provincial Directorate of Food, Agriculture and Livestock, Aegean Agricultural Research Institute, Nazilli Cotton Research Institute, Erbeyli Fig Research Institute, Manisa Viticulture Research Institute and State Hydraulic Works Second Regional Directorate participated the meeting.





*Knowledge
expands
when shared*



4th International Course on Genebank Management and Biodiversity Conservation

4th International Course on Gene Bank Management and Biodiversity Conservation was held in IARTC with 14 participants from Iran, Sudan, Malaysia, Algeria, Egypt and Pakistan between 2nd-6th May 2016.

During the course experts from Aegean Agricultural Research Institute, University of Aksaray and Aegean

University instructed lectures about Plant Genetic Resources, Germplasm Collection and Identification, Conservation, Characterization, Evaluation and Utilization of Genetic Resources and Data Recording and Documentation of PGR Information.

Within the scope of course program, participants visit-

ed Aegean Agricultural Research Institute and they had the chance to get detailed information by visiting National Gene Bank, Herbarium and Fungarium Laboratories. Also, a technical excursion was organized to Dilek Peninsula National Park in İzmir.

Course on Sensors Operating Systems and Data Analysis in Climate Change and Agriculture Interaction Projects

A course on "Sensors Operating Systems and Data Analysis in Climate Change and Agriculture Interaction Projects" coordinated by GDAR was held in IARTC on 11th-13th May 2016.

At the opening of the course, Ministerial Counselor Dr. Müslüm BEYAZGÜL lectured about "Climate Change and Effects on Agriculture"; Dr. İnci TEKELİ, Climate Change and Basin Research Group Coordinator, gave some information

about climate change projects and the aim of the course; and Dilek KAHRAMAN, director of IARTC, notified about the Center and ongoing projects about training subjects. In total 32 researchers from 11 Research Center joined to the course.

During 3 days course; subjects on operation systems and calibration of soil moisture measurement instruments, automatic meteorological monitoring stations,

their sensors, dataflow from sensors, data formats, keeping data archives and data quality control were explained and technical details were applied on the field. Assoc. Prof. Ali ÜNLÜKARA from Erciyes University, Meteorologist Yusuf Salih EROĞLU and Engineer Mustafa SERT from Turkish State Meteorological Service made presentations.

Chamber of Agriculture's Meeting on Conservation of Agricultural Soil

Meeting on conservation of agricultural soil organized by Menemen Chamber of Agriculture within the scope of May 14th International Day of

Farmers was held in IARTC on 17th May 2016.

Around 70 representatives from Chambers of Agriculture, Chamber of Agricultural

Engineers and related institutions of İzmir, Aydın and Manisa provinces participated to the meeting.

3rd International Course on Food Safety and Food Additives

3rd International Course on Food Safety and Food Additives was held with participants from Algeria, Egypt, Iraq, Pakistan, Sudan and Tunisia in IARTC between 23rd – 27th May 2016. Lec-

tures from different universities such as Bursa Technical University, Ege University, İzmir Katip Çelebi University, Kayseri Erciyes University and Uludağ University instruct-

ed detailed lessons about food safety and food additives. In addition there was also a technical excursion to Pınar Meat and Dairy Products within the course program.



7th International Course on Sustainable Management of Soil and Water Resources

7th International Course on Sustainable Management of Soil and Water Resources was held in IARTC with 15 participants from Iran, Sudan, Afghanistan, Algeria, Egypt, Morocco and Tunisia between 18-29 July 2016.

During the course, experts and lecturers from Aegean University Faculty of Agriculture, Konya Soil, Water and Deserting Control Research Institute, Dicle University Faculty of Agriculture, Soil, Fertilizer and Water Re-

sources Central Research Institute, Atatürk University Faculty of Agriculture also agriculture engineers from our center instructed lectures.

Lectures such as, Water Harvesting Case Study, Desertification and Land Degradation Case Study, Sediment Measurement and Evaluation in Watersheds, Micro-Irrigation, Hydrological Models and Applications, Erosion Mapping Methodologies, were involved in the

program.

Within the scope of the program two technical excursions were organized. Besides, a touristic trip was organized to Foça for the weekend. First week of the course participants visited Tahtalı Dam in Menderes and second week they visited Menemen Left Bank Irrigation Union and Emiralem Regulator and also Bird Paradise.



3rd International Course on Agricultural Mechanization and Information Technologies

3rd International Course on Agricultural Mechanization and Information Technologies was held with 6 participants from Azerbaijan, Iran and Sudan in IARTC between 22nd – 26th August 2016. Lecturers from different universities such as Ankara University, Ege University, Namık Kemal University, Süleyman Demirel

University, also specialists from Field Crops Central Research Institute, International Agricultural Research And Training Center, Eastern Mediterranean Agricultural Research Institute, Gap Agricultural Research Institute, Atatürk Horticultural Central Research Institute, Tekirdağ Viticulture Research Institute instruct-

ed detailed lessons about agricultural mechanization and information technologies.

In addition there was also a technical excursion to Söke Directorate of Agricultural Production and Extension and In-Service Training within the course program.



58th Meeting of ICARDA's Board of Trustees

Turkey and ICARDA has been in cooperation since 1977 when ICARDA (International Center for Agricultural Research in Dry Areas) was founded. Results obtained from joint projects are not only applied in Turkey but also in areas with similar climatic conditions.

In the framework of Turkey-ICARDA close cooperation, 58th Meeting of ICARDA'S Board of Trustees was held in IARTC. Along with 13 ICARDA Trustees, experts working in ICARDA'S plant breeding, cultivation, animal husbandry etc. departments also attended the meeting. Deputy Undersecretary of Ministry of Food, Agricul-



ture and Livestock and Deputy Director General of General Directorate of Agricultural Research and Policy represented the Ministry in the meeting. The group of 40 visited Aegean Agricultural Research Institute and The Regional Cereal Rust Research Center as well as field studies. Participants were

satisfied with the results of the studies conducted in the Institute and the Center. They expressed that these results would be used against rust disease not only in Turkey but also in North Africa, Central Asia and Caucasia.

During the four day meeting, participants stated that they were impressed by the advanced scientific studies and decided that these studies should be carried on and even improved by Turkey and ICARDA.



ABOUT US...

IARTC works under the General Directorate of Agricultural Research and Policy of Ministry of Food, Agriculture and Livestock. The Center aims to carry out national/international research projects for increasing the agricultural productivity, conservation and sustainable management of natural resources and to hold national/international courses, workshops seminars etc. according to the needs and demands of public sector, private sector, professional organizations and non-governmental organizations. Besides its scheduled programs and projects, IARTC is open to any kind of activities of training programs and research projects on demand from national/international organizations. IARTC adopts sharing the agricultural studies, experience and knowledge in international platform as principle and is one of the leading organizations in this regard.

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