



IARTC newsletter

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3rd Workshop on the Effects of Climate Change on Agriculture

“3rd Workshop on Effects of Climate Change on Agriculture” organized by General Directorate of Agricultural Research and Policies within the framework of Climate Change and Agricultural Ecology Studies was held in our Center between 5-7 November 2018.

The opening ceremony was carried out by TAGEM Director General Mr. Özkan KAYACAN. Director General Mr. Özkan KAYACAN highlighted that Turkey is among the countries which is open to the effects of climate change on agriculture and food production due to Turkey’s location in the Mediterranean basin where is the most affected by climate change, and the importance of the agricultural sector in the country economically and socially. Research institutes affiliated to our General Directorate emphasized the importance of integrating R & D activities into the agricultural sector and food security policies in order to adapt to the effects of climate change, intended for



sustainable use of agricultural soils and water resources, drought, development of drought resistant varieties, deficit irrigation programs, conservation of genetic resources, use of renewable energy sources, Industry 4.0, Intelligent agriculture and technologies at regional, national and international scale to improve the recommendations and policies to measure the impact of climate change on agricultural systems and to take measures. In the workshop, Deputy Director General of Agricultural Reform, Dr. Metin TÜRKER expressed applications of the Ministry of Agriculture and Forestry in his presentation on “Effects of Climate Change to Agriculture”.

Totally 59 participants of Prof. Dr. Levent KURNAZ from Boğaziçi University, Prof. Dr. Ömer Lütfü ŞEN from İstanbul Technical University, Prof. Dr. İbrahim ORTAŞ from Çukurova University, Prof. Dr. Taşkın ÖZTAŞ from Atatürk University, Doç. Dr. Selim KÖKSAL from Ondokuz Mayıs University, Prof. Dr.

Necip TOSUN, Prof. Dr. Ela ATIŞ and Doç. Dr. Behiç TEKİN from Ege University, Prof. Dr. İlkey DELLAL from Ankara University, and from Menemen Chamber of Agriculture, AVEO Informatics Engineering with researchers from General Directorate of Agricultural Reform, General Directorate of Meteorology, Research Institutes affiliated to TAGEM were participated to the workshop.

Within the scope of the workshop, the topics on atmosphere during climate change process, climate change scenarios and projections, sustainable soil and water management during climate change process, climate risks and adaptation processes, climate change and innovative approaches in agriculture were discussed.

On the last day of the workshop, roundtable meetings were held to discuss the topics on “Climate Change and Vulnerability in Agriculture, Adaptation” and “Climate Change and Agricultural Policy”, then the workshop was completed.





*Knowledge
expands
when shared*



4th International Course on Agricultural Policy and Rural Development

“4th International Course on Agricultural Policy and Rural Development” was held in our Center with 11 participants from Sudan, India, Iran, Azerbaijan and Pakistan between 24-28 September 2018.

During the course, experts

from, Adnan Menderes University, Ege University and General Directorate of Agricultural Reform, agriculture engineers from General Directorate of Agricultural Research and Policy and Fig Research Institute instructed lectures.

Training program included technical excursion. Within the excursion program participants visited İzmir Development Agency and Hıdırlık Agricultural Cooperative and Doğanbey Agricultural Cooperative in Seferihisar.

8th International Course on Alternative Methods for Reduction of Pesticide Use

“8th International Course on Alternative Methods for Reduction of Pesticide Use” was held in our Center with 15 participants from 6 different countries as Kosovo, Pakistan, Algeria, Iran, Egypt and Sudan between 15-19 October 2018.

During the course, experts

from Bornova Pest Management Research Institute instructed lectures on topics included in training program.

Within the scope of the program two technical excursions were organized. In Seferihisar, Citrus Garden and Citrus Packaging Facility

was visited on 17.10.2018. Also, a technical trip organized to Bornova Pest Management Research Institute on 18.10.2018. During the excursion participants were given detailed information on pest management researches by the officials of Institute.

7th International Course on Organic Farming

7th International Course on Organic Farming was held in our Center with 19 participants from Algeria, Bangladesh, India, Kazakhstan, Pakistan, South Africa, Sudan and Uzbekistan 19-23 November 2018.

During the course, experts

from Atatürk Horticultural Central Research Institute, Bornova Plant Protection Research Institute, Central Research Institute of Food and Feed Control, Fig Research Institute, International Agricultural Research and Training Center, Olive Rese-

arch Institute and Viticulture Research Institute instructed lectures.

Within the scope of the program a technical excursion to an organic farm in Mene-men, Emiralem was organized.

Farmer Training on Consciously Water Use

Farmer Training on “Consciously Water Use” on the purpose of increasing training and extension activities for the farmers within the scope of 10th Develop-

ment Plan was held in our Center on 20 December 2018.

20 farmers from Efeler District of Aydın Province participated to the training. Agri-

cultural engineers from Agricultural Irrigation and Land Reclamation Department of our Center have shared their knowledge and experiences.

Workshop for Estimating Greenhouse Gas Mitigation using the Ex-Ante Carbon Balance Tool

“Training of Trainers Workshop for Estimating Greenhouse Gas Mitigation using the Ex-Ante Carbon Balance Tool (EX-ACT)” within the “Integrated Natural Resources Management Project in Drought Prone and Salt Affected Agricultural Production Landscapes in Cent-

ral Asia and Turkey (CACILM II)” organized by GEF-FAO-General Directorate of Combating Desertification and Erosion and TAGEM was held in our Center between 24-28 November 2018.

30 delegates from Tajikistan, Kyrgyzstan, Kazakhstan, Turkmenistan, Uzbekistan,

Turkey, Finland and Italy participated to the workshop. During the workshop carbon balance calculations were made, and the use and dissemination of the Ex-Ante carbon balance instrument were emphasized.



2018 Plant Health Assessment Meeting of Aegean and Marmara Regions

“2018 Plant Health Assessment Meeting of Aegean and Marmara Regions” was held in our Center between 28-30 November 2018. The meeting was completed with the participation of all sides in order to determine the program and principles of 2019 by discussing the plant health and quarantine activities.

65 specialists from Plant Protection Products Department, Plant Health Researches Department of General Directorate of Agricultural Research, Plant Production and Plant Health Branches of Aegean and Marmara Region provinces, Bornova Plant Protection Research Institute, Yalova Atatürk Horticultu-

ral Center Research Institute, Edirne Trakya Agricultural Research Institute and Izmir Directorate of Agricultural Quarantine participated to the meeting which is organized by Department of Plant Health and Quarantine, General Directorate of Food and Control.

2018 Regional Group Meeting

“2018 Regional Group Meeting” organized under the coordination of Aegean Agricultural Research Institute, was held in our Center between 13-15 November 2018.

90 participants from depart-

ments of coordination, plant production and health, animal health and breeding, fisheries and aquaculture of İzmir, Manisa, Aydın, Denizli, Çanakkale, Balıkesir and Denizli Provincial Directorates, research institutes, universities and chambers of agricul-

ture to the meeting.

During the meeting, lectures were given and discussed on the issues of regional problems and extension projects carried out by the provincial directorates with research institutes were explained.

Evaluation Meeting on Animal Diseases and Pests Protection of 2018 Year Program

“Evaluation Meeting on Animal Diseases and Pests Protection of 2018 Year Program” organized by General Directorate of Food Control was held in our Center between 24-29 December 2018. 100 experts of

Deputy Director General of Food Control, Heads of Departments, Veterinary Control Institute Directors, İzmir Provincial Director of Agriculture and Forestry, Heads of animal health and aquaculture branches of Agricul-

ture and Forestry Directorates of 81 provinces.

During the meeting, studies on protecting animal diseases in 2018 were evaluated and studies were carried out to create the 2019 program.

Nitrates Directive Good Agricultural Practices Code Training

In-service training on "Nitrates Directive Good Agricultural Practices Code" organized by General Directorate of Agricultural Reform, Department of Protection of Agricultural Environment and Natural Resources was held in our Center between 5-7 December 2018. The training was carried out with the participation of 165 technical personnel working in the Provincial Directorates about nitrate pollution caused by agricultural activities.

Head of Department of Protection of Agricultural Environment and Natural Resources Dr. Ali Kılıç ÖZBEK pointed out the importance of the works to be carried out by Provincial Directorates to prevent pollution caused by agricultural activities and gave information about the activities of the Ministry.

Trainers from General Directorate of Agricultural Reform, General Directorate of Water Management, Soil Fertilizer

and Water Resources Central Research Institute, Ege University Faculty of Agriculture, Nature Conservation Center made presentations in the training meeting on; nitrate pollution caused by agricultural activities, pollution in accordance with the results obtained in nitrate pollution monitoring studies, land management for prevention of nitrate pollution from agricultural origin, plant nutrient management, animal manure management, irrigation management, determination of nitrate sensitive zones, river basin management plans, nature conservation activities, climate change adaptation studies and Good Agricultural Practices Code.

Speaking at the closing of the training program Deputy Director General Dr. Metin Türker; drew attention that as a result of the agricultural activities that are not sensitive to the environment, the intensive use of inputs and the impact of



agriculture on soil and water resources have accelerated the destruction of attention. Pointing out that fertilizer is the most important input to increase the productivity in agricultural production, Türker stated that nitrate pollution is increasing day by day with the use of fertilizers and unconsciousness.

The training meeting was completed with the evaluation of the problems encountered during the studies related to the monitoring and prevention works of agricultural nitrate pollution at the Provincial Directorates.



ABOUT US...

IARTC works under the General Directorate of Agricultural Research and Policy of Ministry of Agriculture and Forestry. 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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