

## **INTERNATIONAL AGRICULTURAL STRUCTURES and IRRIGATION CONGRESS and WORKSHOP**

**12-15 May 2022, Dicle University, Diyarbakir, Türkiye  
PROGRAM**

**11 May, 2022 Wednesday**

15.00-18.00	Registration
19.00-21.00	Dinner (Dicle University, Havuzbaşı)

### **SALON B**

**12 May, 2022 Thursday (Perşembe) (1<sup>st</sup> DAY),**

**Açılış Töreni (Opening Ceremony)**

**Ortak Oturum (Joint Session)**

**08:00 - 09.30 : Registration (Kayıt)**

**09.30 - 09.35 :** Saygı Duruşu ve İstiklal Marşı

**09.35 – 09.45 :** Dicle Üniversitesi ve Diyarbakır Tanıtım Filmi

**09.45 - 09.55 :** Prof. Dr. Öner ÇETİN, Organizasyon Komitesi Başkanı

**09.55 - 10:00 :** Prof. Dr. Mikdat ŞİMŞEK, Ziraat Fakültesi Dekanı

**10:00 - 10:10 :** Mehmet AÇIKGÖZ, GAP İdaresi Başkan V.

**10.10 -10.25 :** Prof. Dr. Mehmet KARAKOÇ, Dicle Üniversitesi Rektörü

**10.25 – 10.40 :** Münir KARALOĞLU, Diyarbakır Valisi

**10.40 – 11.00 :** Sponsorlara Teşekkür Plaketi

**11.00 - 11.20 :** Coffee Break

**Moderators:** Prof. Dr. Halim ORTA

Assoc. Prof. Dr. Neşe ÜZEN

**11.20 – 11.50 :** Açılış Bildirisi

**Toprak, Su ve Arazi Yönetimi: Dünya Gıda Güvenliği İçin Çözümler,** Prof. Dr. Matula Svatopluk,  
(Water, Soil and Land Management: The Solution For The Future World Food Security)

Çekya Yaşam Bilimleri Üniversitesi, Agrobiyoloji, Gıda ve Doğal Kaynaklar Fakültesi, Su Kaynakları Bölümü,  
Prag, Çekya Cumhuriyeti

(Department of Water Resources, Faculty of Agrobiology, Food and Natural Resources, Czech University of  
Life Sciences Prague, Praha, the Czech Republic)

**11.50--12.10 :** Discussion

**12.10-12.50 :** Poster Presentations

**13.00-13.45 :** Öğle Yemeği (Lunch) (Üniversite Merkezi Yemekhane) (University Central Restaurant)

**SALON D** (Türkçe) (in Turkish)

**(1<sup>st</sup> DAY) (Parallel Session) 12 May, 2022 Thursday (Perşembe)**

<b>Chairs: Dr. Bülent SÖNMEZ</b> <b>Prof. Dr. Berna KENDİRLİ-Doç. Dr. Funda DÖKMEN</b>	
14.00-14.15	<b>GAP Projesi ve Sürdürülebilir Tarım</b> ( <i>GAP Project and Sustainable Agriculture</i> ) <b>Celal KAYA</b> , GAP Development Administration,, Şanlıurfa, Türkiye
14.15-14.30	<b>Edirne İlinde Damla Sulama Desteği Alan Ve Almayan Üreticilerin Diğer Tarımsal Desteklemelere Yönelik Tutumlarının Karşılaştırmalı Analizi</b> ( <i>A Comparative Analysis of The Attitudes Of Producers With And Without Drip Irrigation Support To Other Agricultural Support In Edirne Province</i> ) <b>Erol ÖZKAN</b> , Başak AYDIN, Ozan ÖZTÜRK, Selçuk ÖZER, Ülviye ÇEBİ Atatürk Soil Water and Agricultural Meteorology Research Institute, Kırklareli, Türkiye
14.30-14.45	<b>Tarımsal Sulama Araştırmalarında “Yüzeyaltı Damla Sulama” Projelerinin Değerlendirilmesi</b> ( <i>Evaluation of “Subsurface Drip Irrigation” Projects in Agricultural Irrigation Research</i> ) <b>Gonca KARACA BİLGİN</b> , Şule KÜÇÜKCOŞKUN, Yusuf Ersoy YILDIRIM Directorate of Agricultural Researchs and Policies, Ankara, Türkiye
14.45-15.00	<b>Demirdöven Sulama Şebekesinin Sistem Performansının Değerlendirilmesi</b> ( <i>Assessment of irrigation system performance in Demirdöven scheme</i> ) Semih ÖZTAŞKIN, <b>Fatih Mehmet KIZILOĞLU</b> , Atatürk University, Faculty of Agriculture, Erzurum, Türkiye
15.00-15.15	<b>Türkiye’de Sulama Birliklerinin İdari Yapısında Yapılan Yasal Düzenlemenin Etkileri ve Sulama Birlikleri için Bazı Performans Göstergelerinin Kullanılabilirliğinin Değerlendirilmesi</b> ( <i>The Effects of New Legal Arrangements in Administrative Structures of Water User Associations And Evaluation Of Usability of Some Performance Indicators For Water User Associations</i> ) <b>Ş. Aydın AYTAÇ</b> , Dr. Mehmet Uğur YILDIRIM, Abdullah OY, Hakkı KILAVUZ State Hydraulic Works, Ankara, Türkiye
15.15-15.30	<b>Su İletim Kanallarında Polystyrene Kullanımı</b> ( <i>Use of Polystyrene in Water Transmission Channels</i> ) <b>Unal SIRIN</b> , Abdurrahman HANAY, Faculty of Agriculture, University of Van Yuzuncu Yil, Van, Turkey
15.30-15.50	Tartışma (Discussion)
15.50-16.10	Çay arası (Coffee Break)

**SALON D** (Türkçe) (in Turkish)  
**(1<sup>st</sup> DAY) (Parallel Session), 12 May, 2022 Thursday (Perşembe)**

<b>Chairs: Prof. Dr. Belgin ÇAKMAK</b> <b>Prof. Dr. M. Fatih KIZILOĞLU, Doç. Dr. Ali Beyhan Uçak</b>	
16.10-16.25	<b>Hidrolojik Kuraklık Analizi</b> (Hydrological Drought Analysis ) <b><u>Mete ÖZFIDANER</u></b> , Fatih TOPALOĞLU, Alata Horticultural Crops Res. Inst. Mersin, Türkiye
16.25-16.40	<b>Sırt-Karık Mikro Havza Su Hasatında Kırmızı Biberde Bitki Yüksekliğinin Toprak Su İçeriği, Bitki Kanopisi, Hava ve Toprak Sıcaklığına Etkisi</b> (The effect of Red Pepper Plant Height on Soil Water Content, Canopy, Air and Soil temperature in Ridge–Furrow Micro Catchment Water Harvesting) Demet YILDIRIM, <b><u>Bilal CEMEK</u></b> , Ali ÜNLÜKARA, University of Ondokuz Mayıs, Faculty of Agriculture, Department of Agricultural Structures and Irrigation, Samsun, Türkiye
16.40-16.55	<b>Türkiye Yarı-kurak koşullarında Plastik Kaplı Karık Yağmur Hasat Tekniğinde Kuru Fasulyenin Performansı</b> (Dry Bean Performance under Polyethylene-Covered Ridges and Furrow Rainwater Harvesting Technique in Semiarid Conditions of Türkiye.) <b><u>Ali ÜNLÜKARA</u></b> , Erciyes University Agricultural Faculty Department of Biosystems Engineering, Melikgazi-Kayseri, Türkiye.
16.55-17.10	<b>Palmer Kuraklık Şiddet İndeksi (PDSI) Kullanılarak Kuraklık Dağılımının Belirlenmesi: Susurluk Havzası Örneği</b> (Determination of Drought Distribution Using Palmer Drought Severity Index (PDSI): Case Study of Susurluk Basin) <b><u>Umut MUCAN</u></b> , Murat YILDIRIM, Çanakkale Onsekiz Mart University, Faculty of Agriculture, Dept. of Agricultural Structures and Irrigation 17020, Çanakkale, Türkiye
17.10-17.25	<b>Diyarbakır İli Marul Bitkilerinde Salisilik Asit Dozlarının Kuraklık Üzerine Etkisinin Araştırılması</b> (Investigation of the Effect of Salicylic Acid Doses on drought in Lettuce Plants in the Diyarbakir Province) <b><u>Zekiye KONUKSEVER</u></b> , Neşe ÜZEN, Mustafa ÜNLÜ, Cukurova University, Institute of Natural and Applied Science, Adana, Türkiye.
17.25-17.40	<b>Farklı Toprak İşleme ve Sulama Seviyelerinin Topraktan CO<sub>2</sub> Salınımına Etkisi</b> (The effect of different soil tillage and irrigation levels-quality on CO <sub>2</sub> emission from the soil) <b><u>Caner YERLİ</u></b> , Üstün ŞAHİN, Fatih Mehmet KIZILOĞLU, Taşkın ÖZTAŞ, Selda ÖRS Van Yüzüncü Yıl University, Faculty of Agriculture, Department of Biosystems Engineering, Van, Türkiye
17.40-18.00	Tartışma (Discussion)

**SALON E** (İngilizce) (in English)  
**(1<sup>st</sup> DAY) (Parallel Session) 12 May, 2022 Thursday**

<b>Chairs: Prof. Dr. E. Selim KÖKSAL</b> <b>Assoc. Prof. Romina KABRANOVA</b>	
14.00-14.15	<b>Keynote Speaker: Salinity Management in Drip Irrigation</b> <b><u>Shmulik FRIEDMAN</u></b> , <i>Institute of Soil, Water and Environmental Sciences, The Volcani Center, Bet Dagan ISRAEL</i>
14.15-14.30	<b>Keynote Speaker : Irrigation Management in Oasian Agro-systems South of Tunisia</b> <b><u>Latifa DHAOUADI</u></b> , <i>Regional Research Center for Oasis Agriculture, TUNISIA</i>
14.30-14.45	<b>Effects of Different Irrigation Water Levels on Squash (<i>Cucurbita mixta</i>) Plants Grown in Unheated Greenhouse</b> <b><u>Erhan AKALP</u></b> , <i>Vedat PİRİNÇ, Öner ÇETİN, Dicle University, Faculty of Agriculture, Department of Horticulture, DİYARBAKIR</i>
14.45-15.00	<b>Bibliometric Analysis of scientific Research Articles on Water and Drought between 2000-2022</b> <b><u>Veysi AKŞAHİN</u></b> , and <i>İbrahim ORTAŞ, Department of Soil Science and plant Nutrition, Faculty of Agriculture, University of Çukurova, Adana, Turkey</i>
15.00-15.15	<b>Completing Missing Precipitation Records with Double Mass Curve Method: Some Applications in Meteorological Stations in Diyarbakır, Turkey</b> <i>A.Demir. KESKİNER, <u>Mahmut ÇETİN</u>, Çukurova Üniversitesi, Ziraat Fakültesi, Tarımsal Yapılar ve Sulama Bölümü, Adana, Türkiye.</i>
15.15-15.30	<b>Study of The Main Morphophysiological Indicators of Drought-Resistant, High-Yielding Wheat Genotypes</b> <b><u>Tamraz H. Tamrazov</u></b> , <i>The Ministry of Agriculture, Bakü, Azerbaijan</i>
15.30-15.50	Tartışma (Discussion)
15.50-16.10	Çay arası (Coffee Break)

**SALON E** (İngilizce) (in English)  
**(1<sup>st</sup> DAY) (Parallel Session), 12 May, 2022 Thursday**

<p><b>Chairs: Prof. Dr. Mahmut ÇETİN</b>  <b>Dr. Shmulik FRIEDMAN</b>  <b>Asst. Prof. Otilija MISECKAITE</b></p>	
16.10-16.25	<p><b>Keynote Speaker: Sustainable Irrigation Management in Pakistan: Issues &amp; Challenges</b>  <b><u>Muhammad I. KUMBHAR</u></b>, Suleman G. ABRO, Dept. of Agricultural Education Extension &amp; Short Courses, Sindh Agriculture University, Tandojam, Pakistan</p>
16.25-16.40	<p><b>Keynote Speaker: Water salinity and aging influence the water holding capacity of polymers-amended soil</b>  <b><u>Fatma WASSAR</u></b>, Ahmed M. ABDALLAH, Emad F. ABDELATY, Wafaa F. ZOHİR, Mohamed HAFEZ, Alsayed MASHAHEET, Higher Institute of water sciences and Techniques of Gabès, University of Gabès, Tunisia</p>
16.40-16.55	<p><b>Use of Wastewater in Agriculture: A Case Study of Konya Metropolitan Municipality Wastewater Treatment Institution</b>  <b><u>Mithat DIREK</u></b>, Lütfü GÜNGÖR, Selçuk Üniversitesi, Faculty of Agriculture, Konya-Türkiye</p>
16.55-17.10	<p><b>Health Risks Associated with Short and Long Terms Application of Treated Wastewater in Agriculture</b>  <b><u>Ahmed AL-BUSAIDI</u></b>, Mushtaque AHMED, Department of Soils, Water and Agricultural Engineering, College of Agricultural &amp; Marine Sciences, Sultan Qaboos University, Muscat, Oman</p>
17.10-17.25	<p><b>The Effect of Drip Irrigation Method Use on Water Use Efficiency in Rice Agriculture</b>  <b><u>Aynur FAYRAP</u></b>, Ahmet ŞEREN, Hakkı KILAVUZ, Mehmet Uğur YILDIRIM, Selçuk GÜL, General Directorate of State Hydraulic Works, Operation and Maintenance Department, Ankara, Türkiye</p>
17.25-17.40	<p><b>Determination of Optimal Operational Policies in Multi-Purpose Irrigation Dams in the Example of Seyhan Basin</b>  Mehmet Uğur YILDIRIM, Erkan EMİNOĞLU, <b><u>Filiz MALKOC</u></b>, Yasemin YILMAZ, Ali İhsan AKBAŞ, Gülşah Çakır HEİKAL, Özden ERTÜRK, DSI- General Directorate of State Hydraulic Works, Ankara, Türkiye</p>
17.40-18.00	Tartışma (Discussion)

**SALON F (Türkçe) (in Turkish)**  
**(1<sup>st</sup> DAY) (Parallel Session) 12 May, 2022 Thursday (Perşembe)**

<b>Chairs: Prof. Dr. Bilal CEMEK</b> <b>Dr. Aynur FARYAP</b>	
14.00-14.15	<b>Su Şurası Kapsamında Sulama Araştırma Geliştirme Faaliyetleri İçin Yeni Bir Yaklaşım</b> (A New Approach in Research and Innovation Activities for Irrigation in the Context of the 1st Water Council) <b>Sule KÜÇÜKCOKUN</b> and <b>Gonca KARACA BİLGİN</b> , Gen. Directorate of Agricultural Research and Policies, Dept. of Soil and Water Resources, Ankara, Türkiye
14.15-14.30	<b>Farklı Miktarda Sulama Suyu Miktarının Ayçiçeğinde Verim ve Kalite Üzerine Etkisi</b> (The Impact of Different Amount Of Irrigation Water On Some Yield And Quality Traits for Sunflower) <b>Yılmaz Can</b> and <b>Ali Fuat Tari</b> , Harran University, Faculty of Agriculture, Dept. of Agricultural Structures and Irrigation, Sanliurfa, Türkiye
14.30-14.45	<b>Plastik Sera Kaplama Malzemesi için UV Geçirgenlik Test Cihazının Geliştirilmesi</b> (Development of UV Transmittance Tester for Plastic Greenhouse Covering Material) <b>Neslihan BİRCAN</b> , <b>Sefa AKSU</b> , <b>Ünal KIZIL</b> , Çanakkale Onsekiz Mart University, Faculty of Agriculture, Dept. of Agricultural Structures and Irrigation, Çanakkale, Türkiye
14.45-15.00	<b>Aşılı ve Aşısız Kavunda Farklı Sulama Seviyelerinin Verime Etkisi</b> (Effect of different irrigation levels on yield in grafted and ungrafted melons) <b>Ömer ÖZBEK</b> , <b>Harun KAMAN</b> , Western Mediterranean Agricultural Research Inst. Antalya, Türkiye
15.00-15.15	<b>Karık Sulamamının Pamukta Bazı Verim Parametrelerine Etkisi</b> (Effects of Furrow Irrigation Method on Some Cotton Yield Parameters) <b>Gökhan İsmail TUYLU</b> , <b>Yunus Emre ÖZKAYA</b> , Harran University Department of Agricultural Structures and Irrigation, Şanlıurfa, Türkiye
15.15-15.30	<b>Harran Ovası Koşullarında, Fertigasyonda Azotlu Gübrelemenin Pamuk Verimine Etkisi</b> (Effect Of Nitrogen Fertilizer Through Fertigation Method Application On Cotton Yield Under Harran Plain Conditions) <b>Nesibe Devrim ALMACA</b> , <b>Abdullah Suat NACAR</b> , <b>Müslüm COŞKUN</b> and <b>Servet ABRAK</b> , GAP Agricultural Res. Inst. Şanlıurfa, Türkiye,
15.30-15.50	Tartışma (Discussion)
15.50-16.10	Çay arası (Coffee Break)

**SALON F (Türkçe) (in Turkish)**  
**(1<sup>st</sup> DAY) (Parallel Session) 12 May, 2022 Thursday (Perşembe)**

<b>Chairs: Dr. Mehmet Uğur YILDIRIM, Daire Başkanı</b> <b>Prof. Dr. Ali ÜNLÜKARA</b>	
16.10-16.25	<b>Su Kaynaklarının Sayısallaştırılması; Tipoloji, Kütle ve Risk Çalışmalarının Yapılarak İzleme Programlarının Hazırlanması</b> ( <i>Digitization of Water Resources, Preparation of Monitoring Programs by Conducting Typology, Mass, and Risk Studies</i> ) <b>Erdem EROĞLU</b> , General Directorate of Water Management, Ankara, Türkiye
16.25-16.40	<b>Melisa Bitkisinin (<i>Melissa officinalis</i> L.) Su İhtiyacına Dair Literatüre Dayalı Bir Bakış Açısı</b> ( <i>A Literature-Based Perspective On Water Requirement of Lemon Balm (<i>Melissa officinalis</i> L.)</i> ) <b>Funda DÖKMEN</b> , Onur CAN, Yeşim AHI, Kocaeli University, Vocational School of İzmit, Department of Crop and Animal Production, Campus of Arslanbey, Kartepe-Kocaeli, Türkiye.
16.40-16.55	<b>Farklı Oranlarda Vermikompost Uygulamalarına Buğdayın (<i>Triticum aestivum</i> L.) Tepkisi</b> ( <i>Response of Wheat (<i>Triticum Aestivum</i> L.) To Different Rates Of Vermicopost Applications</i> ) <b>Ahmet ALMACA</b> , Nazlı PAMUK, Emrah RAMAZANOĞLU, Harran University, Faculty of Agriculture, Department of Soil Science and Plant Nutrition, Sanliurfa, Türkiye
16.55-17.10	<b>Rezene Bitkisinde Farklı Sulama Yöntemleri ve Gübre Kaynaklarının Verim ve Verim Bileşenlerine Etkisinin Değerlendirilmesi</b> ( <i>Assessment of Different Fertilizer Sources and Irrigation Methods on Yield and Yield Components of Fennel (<i>Foeniculum vulgare</i> Mill)</i> ) <b>Köksal AYDİNSAKİR</b> , Mustafa SOYSAL, Ali ÖZTOP, Haluk TOKGÖZ, İlker KURBETLİ, Murat ŞİMŞEK, Başak ÖZYILMAZ, Hüseyin NAMAL, Ertuğrul TAŞTEKİN, Ahu ÇINAR, Western Mediterranean Agr. Res. Inst. Antalya, Türkiye
17.10-17.25	<b>Harran Ovası'nda Damla Sulamanın Farklı İşletimlerinde Buğdayda Su Tasarrufu ve Verime Etkisi</b> ( <i>The Effects of Different Operating Methods of Drip Irrigation for Water Saving and Yield of Wheat in the Harran Plain</i> ) <b>Meral ANLAĞAN TAŞ</b> , Veli DEĞİRMENCİ, A. Suat NACAR, GAP Agricultural Research Institute, Şanlıurfa, Türkiye
17.25-17.40	<b>Akdeniz Koşullarında Damla Sulama ile Sulanan Tatlı Patetes Çeşitlerinde Tuzluluk Stresinin Etkisi</b> ( <i>Salinity Stress Effects On Growth and Performance Of Drip-Irrigated Sweet Potato Varieties Under The Mediterranean Conditions</i> ) <b>Kıvanç Hayri DOĞANAY</b> , Ahmet KURUNÇ, Cüneyt DINCER, Dept. of Agricultural Structures and Irrigation, Faculty of Agriculture, Dicle University, Diyarbakır, Türkiye
17.40-18.00	Tartışma (Discussion)

**SALON D** (Türkçe) (in Turkish)

**(2<sup>nd</sup> DAY) (Parallel Session) 13 May, 2022 Friday (Cuma)**

<b>Chairs: Prof. Dr. Berkant ÖDEMİŞ</b> <b>Şule KÜÇÜKCOŞKUN</b>	
09.30-09.45	<b>Akdeniz Koşullarında Damla ve Geleneksel Sulamanın Çeltik Sulamasında Karşılaştırılması</b> ( <i>Comparison of Drip and Traditional Flood Irrigation for Paddy under Mediterranean Conditions</i> ) <b>Yeşim BOZKURT ÇOLAK</b> , Engin GÖNEN, Mete ÖZFİDANER, Alper BAYDAR, Gülşen DURAKTEKİN, Mehmet YILDIZ, Havva AKÇA, Serdar EYMİRLİ, Recep ÇAKIR, Alata Horticultural Research Institute, Mersin
09.45-10.00	<b>Çim Bitkisinde Yüzealtı Damla Sulamada Eksik Sulamanın Sıcak ve Serin Periyottaki Eykisi</b> ( <i>Deficit Irrigation of Cool and Warm Season Turfgrass Varieties Under Sub-Drip Irrigation Method</i> ) Cansu ERGEN, <b>A. Halim ORTA</b> , Namık Kemal University, Faculty of Agriculture, Dept. of Biosystem Engineering, Tekirdağ, Türkiye
10.00-10.15	<b>Damla ve Yüzealtı Damla Sulama ile Sulanan Şeker Pancarında Su Verim İlişkisi</b> ( <i>Water- Yield Relationships of Sugarbeet Under Surface and Subsurface Drip Irrigation Systems</i> ) <b>Hasan Ali İRİK</b> , Engin KAYMAZ, Hatice Neslihan SAMUTOĞLU, Ali ÜNLÜKARA, Gonca ERTUĞRUL, Ömer Fikret GÜRKAN, Erciyes University, Faculty of Agriculture, Dept. of Biosystems Engineering, Kayseri, Türkiye
10.15-10.30	<b>Damla Sulama ile Sulanan Kavunda Yaprak Su Potansiyeline Göre Sulama Programının Tespit Edilmesi</b> ( <i>Determination of Irrigation Scheduling of Drip Irrigated Watermelon According to Leaf Water Potential</i> ) <b>Gülşen DURAKTEKİN</b> , Yeşim BOZKURT ÇOLAK, Mete ÖZFİDANER, Alper BAYDAR, Engin GÖNEN, Veysel ARAS, Bülent ALTAN, Alata Horticultural Research Institute, Mersin
10.30-10.45	<b>Yoncada Biçim Dönemi Toprak Nem Değişimi Üzerine Yüzealtı Damla Sulamanın Etkisi</b> ( <i>The Effect of Subsurface Drip Irrigation System on Soil Moisture Variation in Alfalfa' Harvest Period</i> ) <b>Tuğba YETER</b> , Y. Ersoy YILDIRIM, Soil-Fertilizer and Water Resources Reserach Inst. Ankara, Türkiye
10.45-11.00	Tartışma (Discussion)
11.00-11.15	Çay arası (Coffee Break)



**SALON E** (İngilizce) (in English)  
**(2<sup>nd</sup> DAY) (Parallel Session), 13 May, 2022 Friday**

<b>Chairs: Prof. Dr. Ünal KIZIL</b> <b>Assoc. Prof. Mohamed ELHAGAREY</b>	
09.30-09.45	<b>Can the saturated hydraulic conductivity Ks of agricultural soil be predicted with acceptable accuracy?</b> <i>Kamila BÁTĀKOVÁ, <u>Svatopluk MATULA</u>, Markéta MIHÁLIKOVÁ, Eva HRÚZOVÁ, Recep Serdar KARA, Cansu ALMAZ, David Kwesi ABEBRESE, Department of Water Resources, Faculty of Agrobiolgy, Food and Natural Resources, Czech University of Life Sciences Prague, Praha, the Czech Republic</i>
09.45-10.00	<b>Use Of Water Powered Pump For Free Irrigation Purposes</b> <i><u>Şahin BEKİŞOĞLU</u>, Ankara, Türkiye</i>
10.00-10.15	<b>Development of a Pot Weighing System for Water Constraint Studies</b> <i><u>Sefa AKSU</u>, Ünal KIZIL, Umut MUCAN, Çanakkale Onsekiz Mart University, Faculty of Agriculture, Dept. of Agricultural Structures and Irrigation</i>
10.15-10.30	<b>Designing an Automatic Dehumidifier System for Controlled Environments</b> <i><u>Sefa AKSU</u>, Ünal KIZIL, Gökhan ÇAMOĞLU, Umut MUCAN, Çanakkale Onsekiz Mart University, Faculty of Agriculture, Dept. of Agricultural Structures and Irrigation</i>
10.30-10.45	The Effect of Irrigation Channel Types on Irrigation Efficiency: Case Study <i><u>Aynur FAYRAP</u>, Abdurrahman KARA</i> <i>State Hydraulic Works, Ankara, Türkiye,</i>
10.45-11.00	Tartışma (Discussion)
11.00-11.15	Çay arası (Coffee Break)

**SALON F (Türkçe) (in Turkish)**  
**(2<sup>nd</sup> DAY) (Parallel Session)13 May, 2022 Friday (Cuma)**

<b>Chairs: Prof. Dr. Gökhan ÇAMOĞLU</b> <b>Doç. Dr. Yeşim BOZKURT ÇOLAK</b>	
09.30-09.45	<b>Augelab Studio Programında Uydu Görüntülerinde Görüntü İşleme Tekniği ile Çeltik Paesellerinin Tespiti</b> ( <i>Determination of Rice Plots on Satellite Images by Using Image Processing Techniques in Augelab Studio Program</i> ) <b>Hakan NAR</b> , Ünal KIZIL, Gökhan ÇAMOĞLU, Selçuk ÇETİN, Çanakkale Onsekiz Mart University, Faculty of Agriculture, Dept. of Agricultural Structures and Irrigation, Çanakkale, Türkiye
09.45-10.00	<b>NDVI Algılayıcılar Kullanılarak Bitki Örtü Yüzdesinin Tespiti</b> ( <i>Determining Cover Percentage Using NDVI Sensors</i> ) <b>Gökhan ÇAMOĞLU</b> , Kürşad DEMİREL, Hakan NAR, Çanakkale Onsekiz Mart University, Faculty of Agriculture, Department of Agricultural Structures and Irrigation, Çanakkale, Türkiye
10.00-10.15	<b>Ürün Sınıflandırma İçin Google Earth Engine'de Optik Uydu Görüntüleri Kullanılarak Makine Öğrenmesi Algoritmalarının Uygulanması</b> ( <i>Application Of Machine Learning Algorithms Using Optical Satellite Images For Crop Classification In Google Earth Engine</i> ) <b>Mehmet Cengiz ARSLANOĞLU</b> , Yusuf ŞİMŞEK, Atatürk Horticultural Central Research Institute, Yalova, Türkiye
10.15-10.30	<b>Kuraklık Analizlerinde Uydu Verilerinin Kullanılması</b> ( <i>Drought Analysis of Satellite-based Precipitation Data</i> ) <b>Sakine ÇETİN TANER</b> , Eyüp Selim KÖKSAL, Emre TUNCA, Ondokuz Mayıs Üniversitesi, Faculty of Agriculture, Samsun, Türkiye)
10.30-10.45	<b>Akdeniz Bölgesinde Referans Bitki Su Tüketiminde Solar Radyasyon Verisi ve Frekans Analizi</b> ( <i>Solar Radiation Data For Reference Evapotranspiration Estimation Of Mediterranean Region And Frequency Analysis</i> ) <b>Ali ÜNLÜKARA</b> , <b>Engin KAYMAZ</b> , Kayseri Sugar Beet Factory, Department of Research and Development, Kayser, Türkiye.
10.45-11.00	Tartışma (Discussion)
11.00-11.15	Çay arası (Coffee Break)

**SALON D (İngilizce) (in English)**  
**WORKSHOP (ÇALIŞTAY)-JOINT SESSION (in English)**  
**(2<sup>nd</sup> DAY) 13 May, 2022 FRIDAY**

<b>Chairs: Prof. Dr. Matula SVATOPLUK</b>	
<b>Dr. Hüseyin GÜNDOĞDU</b>	
<b>Ass. Prof. Fatma WASSAR</b>	
<b>Invited and Keynote Speakers</b>	
11.15-11.35	<b>Agronomic Drip Irrigation Design and Scheduling (DIDAS),</b> <i>Shmulik FRIEDMAN, Institute of Soil, Water and Environmental Sciences, The Volcani Center, Bet Dagan ISRAEL</i>
11.35-11.55	<b>The Role of TAGEM on Irrigation Researchs in Türkiye</b> <i>Bülent SÖNMEZ, TAGEM (General Directorate of Agricultural Research and Poicies), Ankata Türkiye</i>
11.55-12.15	<b>Drainage and Salinity Management in Irrigated Areas</b> <i>Sema KALE ÇELİK, Isparta University of Applied Sciences, TÜRKİYE</i>
12.15-12.35	<b>Impact of Climate Change on Turkey and West Asia' Food and Water Security</b> <i>İbrahim ORTAŞ, Çukurova University, Adana, Türkiye</i>
12.35-13.00	Tartışma (Discussion)
13.00-14.00	Öğle Yemeği (Lunch)

**SALON D** (Türkçe) (in Turkish)

**(2<sup>nd</sup> DAY) PARALLEL SESSION, 13 May, 2022 Friday (Cuma)**

<b>Chairs: Prof. Dr. Kenan BÜYÜKTAŞ Dr. Öğr. Üyesi Hüseyin GÜLTAŞ</b>	
14.00-14.15	<b>Akdeniz İklim Koşullarında Yüzey ve Yüzeyaltı Damla Sulama ile Sulanan Sorgumda Bitki Stres İndeksinin Kıyaslanması</b> (Comparing Crop Water Stress Index of Sorghum Irrigated by Surface and Subsurface Drip Irrigation Method under Mediterranean Conditions) <b>Begüm POLAT, Cihan KARACA, Dursun BÜYÜKTAŞ, Köksal AYDINŞAKIR</b>
14.15-14.30	<b>Maş Fasulyesi Su Verim İlişkisi</b> (Water-Yield Relationship of Mung Bean) <b>İhsan GÖLGÜL, Halil KIRNAK, Hasan Ali İRİK, Department of Irrigation Technologies, Vocational School, University of Bakırçay, İzmir, Turkey</b>
14.30-14.45	<b>Borulu Sulama Tesislerinde Hacim Esaslı Ücretlendirmenin Su Kullanım Etkinliği Üzerine Etkisi</b> (The Effect of Volume-Based Pricing on Water Use Efficiency In Piped Irrigation Facilities) <b>Hüseyin Uğur KOLSUZ, Ahmet ARSLAN, Ahmet ŞEREN, Hakkı KILAVUZ, Mehmet Uğur YILDIRIM, DSİ Genel Müdürlüğü, Ankara, Türkiye</b>
14.45-15.00	<b>Yüreğir Ovası'ndaki Turunçgil Bahçelerindeki Damla Sulama Sistemlerinin Teknik Performanslarının Değerlendirilmesi</b> (Evaluation of the Technical Performance of Drip Irrigation Systems in Citrus Orchards in Yüreğir Plain) <b>Nigar ANĞIN, Volkan ÇATALKAYA, Eastern Mediterranean Agricultural Research Institute, Adana.</b>
15.00-15.15	<b>Fusarium Solgunluğu ve Su Kısıtı Koşullarındaki Aşılı Kavunun Bitki Su Stres İndeksi (CWSI) Üzerine Farklı Anaçların Rolü</b> (The Role of Different Rootstocks on Crop Water Stress Index (CWSI) of Grafted Melon under Fusarium Wilt and Limited Water Conditions) <b>Aynur OZBAHCE, Yakup KOSKER, Rohat GULTEKIN, Ceren GORGISEN, Kadri AVAG, Yasemin DEMİR, Seral YUCEL, Selcuk University, Cumra Vocational School, Department of Park and Horticulture, Konya, Turkey</b>
15.15-15.30	<b>Programlanabilir Kontrol ve Ultrasonik Dönüştürücü Kullanılarak A Sınıfı Buharlaşma Kabında Suyun Derinliğinin Ölçülmesi</b> (Measurement of Water Depth in a Class A Pan Using Ultrasonic Transducer and Programmable Logic Control (PLC)) <b>Cafer GENÇOĞLAN, Serpil GENÇOĞLAN, Kahramanmaraş Sütçü İmam University, Faculty of Agriculture, Department of Biosystem Engineering, Kahramanmaraş, Türkiye</b>
15.30-15.50	Tartışma (Discussion)
15.50-16.10	Çay arası (Coffee Break)

**SALON D (Türkçe) (in Turkish)**  
**(2<sup>nd</sup> DAY) PARALLEL SESSION, 13 May, 2022 Friday (Cuma)**

<b>Chairs: Prof. Dr. Yusuf UÇAR</b> <b>Doç. Dr. Aynur ÖZBAHÇE</b>	
16.10-16.25	<b>Tuz Stresi Altında Indol Asetik Asitin Şeker Pancarına Etkisi</b> ( <i>The Effect of Indole Acetic Acid on Sugar Beet (Beta vulgaris L.) under Salt Stress</i> ) <b>Gizem AKSU</b> , Canakkale Onsekiz Mart University, Faculty of Agriculture, Department of Soil Science and Plant Nutrition, Çanakkale, Türkiye
16.25-16.40	<b>Multispektral Kameralar Kullanılarak Brokoli Bitkisinde Tuzluluk Stresinin Belirlenmesi</b> ( <i>Determination of Salinity Stress in Broccoli Using Multispectral Cameras</i> ) Ahmed Mubarek AHMED, <b>Gülçin Ece ASLAN</b> , Akdeniz Üniversitesi, Faculty of Agriculture Antalya, Türkiye
16.40-16.55	<b>Farklı Toprak İşleme Yöntemlerinde Silajlık Mısırdan Su Kullanım Etkinliği</b> ( <i>Water Use Efficiency of Silage Maize in Different Tillage Methods</i> ) <b>Zinnur GÖZÜBÜYÜK</b> , Üstün ŞAHİN, Mesut Cemal ADIGÜZEL, Erdal DAŞCI, Fatih Mehmet KIZILOĞLU
16.55-17.10	<b>Farklı Sulama Yöntemleri ve Stratejilerinde Yetiştirilen Amaranth Bitkisinin Ekonomik Değerlendirilmesi</b> ( <i>Economic Evaluation of Amaranth Grown by Different Irrigation Methods and Strategies</i> ) <b>Engin GÖNEN</b> , Yeşim BOZKURT ÇOLAK, Mete ÖZFİDANER, Çağatay TANRIVERDİ Alata Horticultural Research Institute, Mersin
17.10-17.25	<b>CO-EX ve Mono Teknoloji ile Üretilen Plastik Örtü ve Isı Perdelerinin Mikroklima Üzerine Etkisi</b> ( <i>Effect of Plastic Cover and Thermal Screens Produced by CO-EX and Mono Technology on Microclimate</i> ) <b>Nefise Yasemin TEZCAN</b> , Akdeniz Üniversitesi, Faculty of Agriculture, Antalya, Türkiye
17.25-17.55	Tartışma (Discussion)

**SALON E (İngilizce) (in English)**  
**(2<sup>nd</sup> DAY) PARALLEL SESSION, 13 May, 2022 Friday**

<b>Chairs: Prof. Dr. Zoran JOVOVIC</b> <b>Dr. Somayyeh Razzaghi</b>	
14.00-14.15	<b>Blue Peace in the Middle East - Improving Irrigation Water Use Efficiency As a Catalyst for Collaboration in the Middle East</b> <i>Tuğba Evrim MADEN, Turkish Water Institute, Istanbul- Turkey</i>
14.15-14.30	<b>Hazardous Drought Risk and Vulnerability of the Eurasian Steppe under Climate Change</b> <i>Banzragch NANDINTSETSEG, Jinfeng CHANG, Ömer L. ŞEN and Kaman KHONG, Eurasian Institute of Earth Sciences, Istanbul Technical University, Turkey</i>
14.30-14.45	<b>Impact of Mycorrhiza and Biochar Application on Chickpea (<i>Cicer arietinum L.</i>) Water Use Efficiency and Dry Matter Yield, Under Deficit Irrigation Condition</b> <i>Mehmet İŞİK, Kadir Abate FENTAW and İbrahim ORTAŞ, University of Cukurova, Department of Soil Science and Plant Nutrition, Turkey</i>
14.45-15.00	<b>Simulation of Water Productivity Changes Under Deficit Irrigation of Wheat Using AquaCrop Model (Case study: Arasbaran District)</b> <i>Elnaz ALIABADI, Fariborz Ahmadzadeh KALEYBAR and Mahdiyeh Naghshband HASANI, Eagen University, Izmir, Turkiye.</i>
15.00-15.15	<b>Optimal Heights of Small Dams Series for Rainwater Harvesting, (Iraqi Western Desert as a Case Study)</b> <i>Isam M. ABDULHAMEED, Rasha Ismaeel NAIF, Upper Euphrates Basin Developing Center college of Engineering, University of Anbar</i>
15.15-15.30	<b>Evaluation of Performance of Bread Wheat (<i>Triticum aestivum L.</i>) Genotypes Under Heat Stress</b> <i>Merve BAYHAN, Remzi ÖZKAN, Önder ALBAYRAK, Mehmet YILDIRIM, Cuma AKINCI, Dicle University, Faculty of Agriculture, Dept. of Field Crops, Diyarbakir, Türkiye</i>
15.30-15.50	Tartışma (Discussion)
15.50-16.10	Çay arası (Coffee Break)

**SALON E** (İngilizce) (in English)  
**(2<sup>nd</sup> DAY) PARALLEL SESSION, 13 May, 2022 Friday**

<b>Chairs: Prof. Dr. Dursun BÜYÜKTAŞ Ahmed AL-BUSAIDI</b>	
16.10-16.25	<b>Replacing One of HYDRUS-1D Software Parameters with Air Entry Value Determined by Different Mathematical Models</b> <i>E. M. MOHAMMED, S. A. QASSAB, F. A. SALIH, Northern Technical University / Technical Agricultural College, Iraq</i>
16.25-16.40	<b>Crop pattern classification by remote sensing images in the Eastern Mediterranean region of Turkey</b> <i>Mahmut CETIN, <u>Omar ALSENJAR</u>, Hakan AKSU, Mehmet Ali AKGÜL, Muhammet Said GOLPINAR, Muaz ZAIM, Cukurova University, Faculty of Agriculture, Department of Agricultural Structures and Irrigation, Adana, Turkey</i>
16.40-16.55	<b>Tornado Damage Detection on Greenhouses using High-Resolution Satellite Imageries: Pilot Area in Antalya, Turkey</b> <i><u>Melis INALPULAT</u>, Levent GENC, Canakkale Onsekiz Mart University, Terzioğlu Campus, Faculty of Agriculture, Department of Agricultural Structures and Irrigation, Agricultural Remote Sensing Laboratory (AGRESEL), Canakkale, Turkey.</i>
16.55-17.10	<b>Identification of Paddy Rice Disease Using Deep Convolutional Neural Networks</b> <i>Hakkı Fırat ALTINBİLEK, <u>Ünal KIZIL</u>, Çanakkale Onsekiz Mart University, Faculty of Agriculture, Department of Agricultural Structures and Irrigation, Digital Agriculture Laboratory, Çanakkale</i>
17.10-17.25	<b>An Assessment on Artificial Intelligence Model Usage for Prediction of Sunflower Yield under Rainfed Conditions</b> <i>Hüseyin T. GÜLTAŞ, Daniyal D. KÖKSAL, <u>Yeşim AHI</u>, Belgin ÇAKMAK, Ankara University, Water Management Institute, Ankara, Turkey</i>
17.25-17.55	Tartışma (Discussion)

**SALON F (Türkçe) (in Turkish)**

**(2<sup>nd</sup> DAY) PARALLEL SESSION, 13 May, 2022 Friday (Cuma)**

<b>Chairs: Prof. Dr. Yeşim AHİ</b>	
<b>Doç. Dr. Köksal AYDINŞAKİR</b>	
14.00-14.15	<b>Kazakistan'ın Yıllık Yağış Dağılımının Farklı Enterpolasyon Yöntemleri İle Belirlenmesi</b> ( <i>Determining Of Spatial Distrubition Of Annual Precipitation Of With Different Interpolation Methods In Kazakhstan</i> ) <b>Aigerim BAKIROVA</b> , Hakan ARSLAN, Bilal CEMEK, Ondokuz Mayıs University, Faculty of Agriculture, Samsun, Türkiye
14.15-14.30	<b>Vertisol Topraklarda İnfiltrasyon Test Zamanının İnfiltrasyon Karakteristiklerine Etkisi</b> ( <i>The Influence of Test Timing on Infiltration Characteristics in Vertisol Soils</i> ) <b>Barış BAHÇECİ</b> , Ankara, Türkiye
14.30-14.45	<b>Sulama Öncesinde Ceylanpınar Ovası Topraklarının Agregat Stabilitesi ve Bazı Toprak Özelliklerine Etkisi</b> ( <i>Aggregate Stability and Some Soil Properties Of Ceylanpınar Plain Soils Before Irrigation</i> ) <b>Ali Rıza ÖZTÜRKMEN</b> , Emrah RAMAZANOĞLU, Fethullah KÖSEN, Department of Soil Science and Plant Nutrition, Agriculture Faculty of Harran University, Sanliurfa, Turkey.
14.45-15.00	<b>Bafra Ovası Sağ Sahil Sulama Alanında Bulunan Taban Suyu Seviyesinin Alansal Tahmininde Kriging ve Cokriging Uygulamaları</b> ( <i>Applications of Kriging and Cokriging in the Spatial Estimation of the Groundwater Level in the Irrigation Soils of Bafra Plain, Turkey</i> ) <b>Sevda TAŞAN</b> , Yusuf DEMİR, Mehmet Taşan, Hakan ARSLAN, Ondokuz Mayıs Üniversitesi Ziraat Fakültesi, Tarımsal Yapılar ve Sulama Bölümü, Samsun
15.00-15.15	<b>Dicle Nehri Havzasında Hidrojeolojik Etüdler ve Yeraltı Suyunun Tavrıları</b> ( <i>Hydrogeological Survey and Delineation of Groundwater Bodies in the Tigris Basin Project</i> ) Nezih Burak AKAR, <b>Merve İŞLEK</b> , Murat Mert TOKLU, State Haydraulic Works, Ankara, Türkiye
15.15-15.30	Tartışma (Discussion)
15.30-16.10	Çay Arası (Coffee Break)



**SALON D (Türkçe) (in Turkish)**

**(3<sup>rd</sup> DAY) PARALEL SESSION, 14 May, 2022 Saturday (Cumartesi)**

<b>Chairs: Doç. Dr. Ali Fuat TARI</b>	
<b>Prof. Dr. Ali Rıza ÖZTÜRKMEN</b>	
09.00-09.15	<b>Aylık Ortalama YüzeY Toprak Sıcaklığı Tahmini İçin Yapay Zeka Yöntemlerinin Performansının Meteorolojik Veriler Kullanılmadan Değerlendirilmesi</b> (Evaluating the performance of artificial intelligence methods for estimation of monthly mean surface soil temperature without using meteorological data) <b>Filiz AKIN</b> , Bilal CEMEK, Erdem KÜÇÜKTOPCU, Batı Akdeniz Agricultural Research Institute, Antalya, Turkey
09.15-09.30	<b>Alaçam İlçesi Kıyı Bölgelerinde Makine Öğrenmesi Algoritmaları Kullanılarak Yeraltı Suyu Kalite Parametrelerinin Tahmini</b> (Prediction of Groundwater Quality Parameters Using Machine Learning Algorithms in Alaçam District Coastal Regions) <b>Mehmet TAŞAN</b> , Yusuf DEMİR, Sevda TAŞAN, Hakan ARSLAN, Bilal CEMEK, Karadeniz Tarımsal Araştırma Enstitüsü, Toprak ve Su Kaynakları Bölümü, Samsun, Türkiye
09.30-09.45	<b>Yapay Sinir Ağı ve Zaman Serisi Yöntemleri Kullanılarak Maksimum, Minimum ve Ortalama Sıcaklık Performansının Modellenmesi</b> (Modeling the Maximum, Minimum and Mean Temperature Performance Of Using Artificial Neural Network And Time Series Methods) <b>Aslıhan CANTÜRK</b> , Demet YILDIRIM, Bilal CEMEK, Karadeniz Tarımsal Araştırma Enstitüsü, Toprak ve Su Kaynakları Bölümü, 55300 Samsun, Türkiye
09.45-10.00	<b>İki Farklı Yöntem Kullanılarak Siirt Koşullarında Mısırın Su Tüketiminin Tespit Edilmesi</b> (Determination of Crop Water Consumption using Two Different Methods for Corn In Siirt Conditions) <b>Ali Beyhan UÇAK</b> , Siirt University, Faculty of Agriculture, Department of Biosystems Engineering Siirt, Türkiye
10.00-10.15	Tartışma (Discussion)
10.15-10.30	Çay arası (Coffee Break)

**SALON E**, İngilizce (in English)

**(3rd DAY) PARALEL SESSION, 14 May, 2022 Saturday (Cumartesi)**

<b>Chairs: Assoc. Prof. Maira Kussainova Ahmet Şeren</b>	
09.00-09.15	<b>Daily and Seasonal Evapotranspiration Monitoring using Google Earth Engine Evapotranspiration Flux (EEFLUX): A Case Study in Gokhoyuk TIGEM, Turkey.</b> <i>Emre TUNCA, Eyüp Selim KÖKSAL, Sakine ÇETİN TANER, Ondokuz Mayıs University, Faculty of Agriculture, Department of Agricultural Structures and Irrigation</i>
09.15-09.30	<b>The Importance Of Agricultural Irrigation Studies In Sectoral Water Allocation: A Case Study For Akarcay Basin</b> <i>Süleyman KODAL, Cenk AKŞİT, Yusuf Ersoy YILDIRIM, Taner KİMENCE, Yakup KARAASLAN, Alev ADIGÜZEL, Ahmet Vehbi MUSLU, Republic of Turkey Ministry of Agriculture and Forestry, General Directorate of Agricultural Research and Policies</i>
09.30-09.45	Optimal Heights of Small Dams Series for Rainwater Harvesting, (Iraqi Western Desert as a Case Study) <i>Isam M. Abdulhameed, Rasha Ismaeel Naif, Upper Euphrates Basin Developing Center college of Engineering, University of Anbar, Iraq</i>
09.45-10.00	<b>Effective Use of Biochar for Improving Soil Water Storage and Plant Water Use Efficiency</b> <i>Kedir Abate FENTAW, Ibrahim ORTAŞ, Department of Plant Science, College of Agriculture &amp; Environmental Science, Arsi University, Asella, Ethiopia</i>
10.00-10.15	Tartışma (Discussion)
10.15-10.30	Çay arası (Coffee Break)

**SALON D** (İngilizce) (in English)  
**WORKSHOP (ÇALIŞTAY)-JOINT SESSION ,**  
**(3<sup>rd</sup> DAY) 14 May, 2022 Saturday**

<b>Chairs: Prof. Dr. Sema KALE ÇELİK</b> <b>Assoc. Prof. Milena MOTEVA</b> <b>Secretary: Elnaz ALIABADI</b> <b>Invited and Keynote Speakers</b>	
10.30-10.50	<b>Irrigation Management Policy In Türkiye</b> <i>Ayşegül KİBAROĞLU, Chair, Dept. of Political Science and International Relations, MEF University, Istanbul, Türkiye</i>
10.50-11.10	<b>Drought-Irrigation and Food Security</b> <i>A. Halim ORTA, Namık Kemal University, Tekirdağ, Türkiye</i>
11.10-11.30	<b>Challenges on Irrigation Water Management in Middle-East</b> <i>Öner ÇETİN<sup>1</sup>, Mustafa Salih SARIKAYA<sup>2</sup>, Tuğba Evrim MADEN<sup>2</sup>, Nuray Güler AKALIN<sup>2</sup></i> <sup>1</sup> Dicle University, Diyarbakır, Türkiye <sup>2</sup> Turkish Water Institute, Istanbul, Türkiye
11.30-11.50	<b>Irrigation Management by Using Digital Technologies</b> <i>Selim KÖKSAL, Emre TUNCA, Sakine Çetin TANER, On Mayıs University, Samsun, Türkiye</i>
11.50-12.20	Tartışma (Discussion)

**SALON D**  
**CLOSING CERENOMY, JOINT SESSION**  
**3<sup>rd</sup> Day, 14 May, 2022 Saturday**

<b>Chairs: Prof. Dr. A. Halim ORTA</b> <b>Prof. Dr. Muhammad Ismail KUMBHAR</b> <b>Secretary: Assoc. Prof. Neşe ÜZEN</b>	
<b>Closing, Evaluation and Discussion</b>	
12.20 -13.00	<b>Opinions and recommendations</b> <b>General evaluation</b> <i>Öner ÇETİN, Chairman of Organizing Committee</i> <i>All Participants who want to give responses on the congress and future events</i>

**(4<sup>th</sup> Day) 14 May, 2022 Saturday (3<sup>rd</sup> DAY)**

14.15-17.30	Free Time, 1. City Tour, (Guided) (Old Town, Hevsel Gardens, City Walls-Optional) Free 2. Zerzevan Castle (Guided) (50 Km, optional), Free
19.30	Gala Dinner (Hevsel Garden Inn (Hilton Inn))

**15 May, 2022 Sunday (4<sup>th</sup> DAY) (TOURS)**

08.00-18.00	Tours (Optional) 1. Mardin Route (Guided) 2. Sanliurfa Route (Guided)
19.00/20.00	Dinner in Diyarbakır (Dicle University, Havuzbaşı)

**POSTER PRESENTATIONS**

**Presentation Date and Time: 12 May 2022; 12.10-12.50**

	<b>Registration Number</b>	<b>Title and Authors</b>
1.	AZE-001	Creation of New Sustainable Potato Varieties to Increase Potato Production in Azerbaijan , <i>Tamraz H. Tamrazov</i>
2.	IRA-009	The impact of climate change on water resources, its management and the need for adaptive irrigation methods, <i>Hasan Ghogh</i>
3.	MON-001	Mitigating climate change effect: the case of wheat , <i>Ana Velimirović, Zoran Jovović, Pržulj Novo</i>
4.	MON-002	Irrigation - A Key Point In Adapting Potato Production To Climate Change

		<i>Zoran Jovović, Ana Velimirović, Milica Bučković, Željko Dolijanović, Andreja Komnenić</i>
5.	PAK-002	Farm Yard Manure Enrichment With Jiggery “The Friends of the Soil”, <i>Muhammad Ayaz Keerio, Muhammad Yousaf Ali,</i>
6.	POL-001	Assessment of Potential Transmission of Microbial Pollutants from Wastewater to the River Water, <i>Wiktor Zieliński, Jakub Hubeny, Martyna Buta-Hubeny, Damian Rolbiecki, Monika Harnisz, Łukasz Pauksto, Ewa Korzeniewska</i>
7.	POL-002	Animal Manure Fertilization As a Driving Force of Antibiotic Resistance Mobility in Agriculture Environment <i>Martyna Buta-Hubeny, Jakub Hubeny, Wiktor Zieliński, Damian Rolbiecki, Łukasz Pauksto, Monika Harnisz, Ewa Korzeniewska</i>
8.	POL-003	The Transmission Pathway of Tetracycline Resistance Genes During Poultry Manure Application to Soil, <i>Jakub Hubeny, Martyna Buta-Hubeny, Wiktor Zieliński, Damian Rolbiecki, Łukasz Pauksto, Monika Harnisz, Ewa Korzeniewska</i>
9.	TUR-009-1	Development of Cloud-based Land Data Collection Application, <i>Ünal KIZIL</i>
10.	TUR-012	The Future Challenges In Agriculture: Drought Stress And The Role Of Potassium, <i>Şenay Aydin, E. Dilşat Yeğenoğlu</i>
11.	TUR-020	Studies on Irrigation and Fertigation carried out by GAP International Agricultural Research and Training Center, <i>Özlem AVŞAR</i>
12.	TUR-029-1	The Added-Value Provided In The Agriculture Sector By The Irrigation Systems Built And Put Into Operation By General Directorate Of State Hydraulic Works (DSİ Acronym In Turkish) , <i>Fazilet Ünlü, Filiz Kasar, Erol Büyükkiraz</i>
13.	TUR-029-2	Development Reports On Irrigations Built And Put Into Operation By General Directorate Of State Hydraulic Works, <i>Fazilet Ünlü, Filiz Kasar, Erol Büyükkiraz</i>
14.	TUR-031	Pricing Irrigation Water, <i>Turgay Gündoğan, Filiz Kasar, Erol Büyükkiraz</i>
15.	TUR-033	The Evaluation Of Irrigation Results In Irrigations Operated And Transferred By DSI, <i>Bilgehatun BEKTAŞ, Filiz KASAR, Erol BÜYÜKKİRAZ</i>
16.	TUR-039-2	Evaluation Of The Reuse Of Water Returned From Agriculture In Şanlıurfa Harran Plain Irrigation, <i>Aynur FAYRAP, Sevinç BİBEROĞLU, Gülru YILDIRIM</i>
17.	TUR-046	Multi-Purpose Dam Operation Examples and Results for Wet and Dry Seasons in the Ceyhan Basin, <i>Mehmet Uğur Yıldırım, Erkan Eminoğlu, Filiz Malkoç, Yasemin Yılmaz, Ali İhsan Akbaş, Gülşah Çakır Heikal, Özden Ertürk</i>
18.	TUR-094-2	The Layout of The Building Elements in The Biogas Production Facilities: Van Province Example, <i>Fatih Sevki ERKUS, Unal SIRIN, Koray TUNCA Y</i>
19.	TUR-131	Drip Fertigation and Its Impact on Water Use Efficiency and Plant P Uptake, <i>Şeyhmus DÜNDAR</i>
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