

DR. MİRZA GÖKGÖL  
INTERNATIONAL  
PLANT GENETIC  
RESOURCES  
SYMPOSIUM



6-9<sup>th</sup> NOVEMBER  
**2023**  
İzmir /Türkiye



**TAGEM**  
AR-GE & İNOVASYON

**AEGEAN AGRICULTURAL RESEARCH INSTITUTE**

**Monday, 6 November, 2023 Venue: Hall 1**

09:00-09:30	<b>Registration</b>	
09:30-10:30	<b>Opening ceremony</b>	
10:30	<b>Group Photo</b>	
10:30-11:00	<b>COFFEE BREAK</b>	
11:00-11:30	<b>Invited Speaker:</b> Prof. Dr. Adil GÜNER	Despite Concrete, Natural Life: Nezahat Gökyiğit Botanical Garden (NGBB), Istanbul
11:30-12:00	<b>Invited Speaker:</b> Prof. Dr. Alptekin KARAGÖZ	Great Turkish Scientist Mirza Gökğöl and His Contributions to Plant Genetic Resources Studies
12:00-12:30	<b>Invited Speaker:</b> Elisabetta MAZZUCOTELLI	Germplasm and Genomics Resources to Support Crop Breeding: The Case Study of Tetraploid Wheat
12:30-13:00	<b>Invited Speaker:</b> Dr. Zakaria KEHEL	CURE: PGR to Heal Drylands
13:00-14:00	<b>LUNCH</b>	

**Monday, 6 November, 2023 Venue: Hall 1**

Time	Name	Title
14:00-14:30	<b>Invited Speaker:</b> Dr. Ayfer TAN	Conservation of Landraces and Their Importance for Agricultural Biodiversity
14:30-14:45	Zeynal I. AKPAROV	Azerbaijan Plant Genetic Resources (PGR) and Management System of PGR
14:45-15:00	Lerzan GÜL AYKAS	The Importance of Seed Gene Banks in Ex situ Conservation of Plant Genetic Resources and the National Seed Gene Bank
15:00-15:15	Şenay BOYRAZ TOPALOĞLU	Determining Conservation Priorities for Crop Wild Relatives in the Context of Climate Change
15:15-15:30	A. Oya AKIN	Seed Gene Banks: Legal, Administrative and Technical Aspects
15:30-16:00	<b>COFFEE BREAK</b>	
16:00-16:15	Burçin ÇINGAY	The Uses of Digital Herbarium in Plant Diversity Research in Türkiye
16:15-16:30	Mehtap ÖZTEKİN	National Herbarium of Türkiye (TC)
16:30-16:45	Ramazan YALÇINKAYA	Ali Nihat Gökyiğit Foundation Nezahat Gökyiğit Botanic Garden Herbarium of Türkiye: Past, Present and Future
16:45-17:00	İlayda DUMLUPINAR	Türkiye's Herbarium-based Brassicaceae Database
17:00-17:30	<b>Invited speaker:</b> Carolina Paola SANSALONI	Genomic for Genebanks: Unlocking the Genetic Diversity of the Cimmyt Wheat Collection
17:30-18:00	<b>POSTER SECTION</b>	
19:00	<b>GALA DINNER</b>	

**Monday, 6 November, 2023 Venue: Hall 2**

Time	Name	Title
14:00-14:15	Burçak İŞÇİ	Genetic Potential of Grapevine in Türkiye
14:15-14:30	Tamer UYSAL	Characterization of Some Grape Genotypes in Tekirdağ Vineyard Field Gene Bank
14:30-14:45	Tevhit GEÇİM	Vine Genetic Resources Of Eastern Anatolia Region
14:45-15:00	Kürşat ALP ASLAN	Research on Identification, Preservation and Identification of Vine Genetic Resources in Southeast Anatolia Region
15:00-15:15	Seyma BOZKUS	Genetic Resources, Conservation, and Molecular Characterization of Grapevines in the Eastern Mediterranean Region
15:15-15:30	Makbule YANAR	Morphological, Pomological and Biochemical Characteristics of Some Minor Fruits Grown in Türkiye
15:30-16:00	<b>COFFEE BREAK</b>	
16:00-16:15	Hatice ŞAHİNER ÖYLEK	Collection, Preservation and Characterization of Pear ( <i>Pyrus</i> spp.) Genetic Resources in the Southeastern Anatolia Region
16:15-16:30	Mine PAKYÜREK	Determination of Seed Oil Components in Pomegranate Clones
16:30-16:45	Sebahattin YILMAZ	Identification of Genetic Diversity in Walnut ( <i>Juglans regia</i> ) Population of Kaman (Kırşehir- Türkiye) by means of Nut Characteristics
16:45-17:00	Arzu AYAR	Cultivars Registration Studies in Female Figs Example of Divrek Kara and Sarı Zeybek Fig Cultivars Registration
17:00-18:00	<b>POSTER SECTION</b>	
19:00	<b>GALA DINNER</b>	

**Tuesday, 7 November, 2023 Venue: Hall 1**

Time	Name	Title
09:00-09:15	Hasan ÇELEN	Relations of Plant Genetic Resources and Plant Breeder Rights; Threats, Opportunities and Suggestions
09:15-09:30	Khanbala RUSTAMOV	Biodiversity and Distribution Area of Di- and Tetraploid Species of <i>Triticum</i> L. In Azerbaijan
09:30-09:45	Hayati AKMAN	Exploring Ancient Wheat Species for Sustainable Crop Improvement and Wheat-Driven Products
09:45-10:00	Fatma Ruveyda ALKAN	Assesment of Morphological Diversity of Landrace Karakılçık Durum Wheat ( <i>Triticum turgidum</i> subsp. durum (Desf.) Husn.)
10:00-10:15	SERTAÇ TEKDAL	Evaluaiton of Some Durum Wheat Genotypes of National and International Origin in terms of Yield and Quality Parameters
10:15-10:30	İsmail DOĞAN	Characterization of Some Local Wheats In Terms of Morphological, Physiological and Quality Characteristics
10:30-11:00	<b>COFFEE BREAK</b>	
11:00-11:15	Mehmet BARIŞ	Evaluation of Some Barley Genotypes in terms of Yield and Quality Characteristics in Diyarbakır and Mardin Conditions

11:15-11:30	Ali KADİROĞLU	The Use of Local Wheat Genetic Resources: A Rich Yet Underutilized Source for Rust Resistance Breeding Studies
11:30-11:45	Subhana SHAHMALİYEVA	Dependence of Wheat and Alfalfa Productivity on Water Supply, Taking into Account Global Climate Changes
11:45-12:00	Ergül AY	Evaluation and Utilization of Common Vetch ( <i>Vicia sativa</i> L.) Populations Collected from Different Regions of Türkiye
12:15-12:30	Melek AKÇA PELEN	Evaluation and Utilization of Cocksfoot ( <i>Dactylis glomerata</i> L.) Populations Collected from Different Regions of Türkiye
12:30-12:45	Hülya OKKAOĞLU	Evaluation and Utilization of Forage Pea ( <i>Pisum sativum</i> spp. <i>arvense</i> L.) Populations Collected from Different Regions of Türkiye
13:00-14:00	<b>LUNCH</b>	

**Tuesday, 7 November, 2023 Venue: Hall 1**

Time	Name	Title
14:00-14:15	Kemal ÇUKADAR	Breeding of Curly Dock ( <i>Rumex crispus</i> L.) and Tuberous Dock ( <i>Rumex tuberosus</i> L.) Species
14:15-14:30	Eylem TUĞAY KARAGÜL	Agro-morphological Characterization of some Chickpea Landraces
14:30-14:45	Ayşegül ALTUNOK MEMİŞ	Sesame ( <i>Sesamum indicum</i> L.) Genetic Resources Studies
14:45-15:00	İsmail YILMAZ	Tobacco Genetic Resource Studies in Türkiye
15:00-15:15	Erdem KARAGÖZ	Agromorphological and Chemical Characterization of Some Turkish Tobacco Populations
15:15-15:30	Şenay ÇETİNAY	Selection of Wild and Cultivated Locusts in the Mediterranean and Aegean Regions
15:30-15:45	<b>COFFEE BREAK</b>	
15:45-16:00	Hanife ERDOĞAN GENÇ	Distribution of <i>Colchicum speciosum</i> in Trabzon Province
16:00-16:15	Fatih KEBELİ	<i>Ruscus</i> Species Distributed in Türkiye
16:15-16:30	Ömer SARIL	Determination of some morphological characteristics of boxwoods ( <i>B. sempervirens</i> ) naturally distributed in Bursa province
16:30-16:45	Kürşad DUYSAR	The Effects of Vermicompost and Mycorrhiza Applications on Tuber Yield of <i>Serapias vomeracea</i> and <i>Orchis sancta</i> Salep Orchid Species in Greenhouse Conditions
16:45-17:00	Melike YAZAR	Effect of Rooting Medium on the Propagation of <i>Vaccinium arctostaphylos</i> with Hard Cuttings
17:00-18:00	<b>POSTER SECTION</b>	

**Tuesday, 7 November, 2023 Venue: Hall 2**

Time	Name	Title
09:00-09:15	İdris MACİT	Blacksea Region Fruit Genetic Resources Field Genebank
09:15-09:30	Fatih ÇAĞIR	Fruit Genetic Resources

09:30-09:45	Hüseyin VURGUN	Collection, Preservation and Characterization of Eastern Anatolian Fruit Genetic Resources
09:45-10:00	Gülüstan KORKMAZ	Genetic Diversity of Some Local Fruits Grown in Lake Van Basin
10:00-10:15	Hülya KAYA	New Olive Types Collected from Artvin and Trabzon for Olive Land Gene Bank
10:15-10:30	Müge ŞAHİN	Evaluation of Quince Genetic Resources in the Aegean Region in Terms of Resistance to Fire Blight Disease
10:30-11:00	<b>COFFEE BREAK</b>	
11:00-11:15	Barış UZİLDAY	What We Have Learnt from <i>Schrenkiella parvula</i> : A unique Model Halophyte from Lake Tuz, Türkiye
11:15-11:30	Fatih KAHRIMAN	How does Sampling Affect the Quality and Quantity of DNA Extracted from Maize Seeds?
11:30-11:45	Fatih KAHRIMAN	Comparison of Chromosome Staining Methods for Karyotyping in Haploid and Diploid Maize Plants
11:45-12:00	İlgin Deniz CAN	Genomic Data Suggests A New Taxonomical Concept for <i>Heldreichia bupleurifolia</i> Boiss.
12:00-12:15	Ceyda NUR	Determination of Genetic Kinship Relationships Between Some Poppy Genotypes
12:15-12:30	Emrullah YILMAZ	Genomic and Morphometric Analyses of <i>Phyllolepidium cyclocarpum</i> (Boiss.) L. Cecchi
12:30-12:45	Hakan ŞEVİK	Effect of Genetic Structure on Heavy Metal Accumulation Potential of Plants
12:45-13:00	Seçil ALDEMİR	Use of GBS Technology in Gene Bank Collections; a review
13:00-14:00	<b>LUNCH</b>	

## Tuesday, 7 November, 2023 Venue: Hall 2

Time	Name	Title
14:00-14:15	Serdar Gökhan ŞENOL	Current Situations, Threats and Conservation Strategies of Anatolian <i>Phoenix theophrasti</i> (Datça Date) Populations
14:15-14:30	Mehmet ŞİMŞEK	Locations of Asparagus Genetic Resources in Türkiye
14:30-14:45	Asena UZUN	Morphology, population size, distribution area, number of individuals and IUCN category of locally endemic <i>Peucedanum guvenianum</i> Yıldırım & Duman (Apiaceae)
14:45-15:00	Samim KAYIKÇI	A Research on Conservation of Rare and Endemic Plant Species of Hatay Province
15:00-15:15	Seval ERDEM	Flora of Asi Tepe (Demirci), Manisa province
15:15-15:30	Tuğkan ÖZDÖL	Taxonomic Revision of the <i>Holosteum</i> (Caryophyllaceae) Distributed in Türkiye
15:30-15:45	<b>COFFEE BREAK</b>	
15:45-16:00	Gülay BEŞİRLİ	Agromorphological Characterization of Çaltı Domestic Garlic
16:00-16:15	Seyfullah BİNBİR	Vegetable Genetic Resources of Türkiye
16:15-16:30	Seyfullah BİNBİR	Agro-morphological Characterization of Turkish Tomato Germplasm
16:30-16:45	Kemal ÇUKADAR	Research Project of Eastern Anatolia Region Vegetable Genetic Resources
16:45-17:00	Yasemin LEVENT	Assessment and Use of Apricot Genetic Resources
17:00-18:00	<b>POSTER SECTION</b>	

### Wednesday, 8 November, 2023 Venue: Hall 1

Time	Name	Title
09:00-09:15	Ünal KARİK	Use of Variation in Plant Genetic Resources in Plant Breeding A Case Study on Medicinal and Aromatic Plants
09:15-09:30	Ahu CINAR	Use of Our Plant Genetic Resources in Agricultural Production: <i>Sideritis</i> Breeding Study
09:30-09:45	Fatma UYSAL BAYAR	Effect of Different Harvest Times on Turmeric Yield and Quality
09:45-10:00	Demet YILDIZ TURGUT	The Effect of Different Drying Processes on the Biochemical Properties of Anatolian Sage ( <i>Salvia fruticosa</i> Mill.)
10:00-10:15	Esra ALIM	Pomological Characteristics of Black Myrtle ( <i>Myrtus communis</i> L.) Genotypes Obtained by Hybrid Breeding
10:15-10:30	Orçun ÇINAR	The Effects of Different Storage Conditions and Storage Period on the Quality Parameters of Some Medicinal and Aromatic Plants Oils
10:30-11:00	<b>COFFEE BREAK</b>	
11:00-11:15	Ezgi YAMAN	Local Products and Cultural Research in Culinary Culture – The Case Study of Menemen Municipality
11:15-11:30	Hicran AKAALP	Agro-morphological Characterization of Some <i>Origanum</i> spp. Populations
11:30-11:45	Güliden HASPOLAT	Ornamental Plants Genetic Resources Researches in Türkiye
11:45-12:00	Selin ALİHANOĞLU	The Effects of Biological Diversity on Chemical Composition and Functional Properties of Bee Pollen
12:00-12:15	Engin ÜÇEŞ	The Role of the Bumblebee in Pollination in Greenhouse Production Systems
12:15-13:00	<b>LUNCH</b>	

### Wednesday, 8 November, 2023 Venue : Hall 2

Time	Name	Title
09:00-09:15	Burçak GENÇER	Recording Traditional Knowledge Associated with Plant Genetic Resources
09:15-09:30	Zakine KADIOĞLU	Usage Situations and Identification of Wild Plant Species Consumed as Vegetable in Gümüşhane and Bayburt Provinces
09:30-09:45	Ahmet GÜNEŞ	The Story of Buckwheat in Türkiye
09:45-10:00	Kerem YÜKSEL	The Rich Culinary Heritage of Serik (Antalya): Edible Plants
10:00-10:15	Serdar Gökhan ŞENOL	Morphological Character Comparison of <i>Crithmum maritimum</i> L. (Apiaceae) Populations with Different Substrate Characteristics in İzmir Province
10:15-10:30	Seda ERDOĞAN	Biopiracy Threat on Plant Genetic Resources
10:30-11:00	<b>COFFEE BREAK</b>	
11:00-11:15	Elvira ABDULGANIIEVA	Comparison and Current Status of <i>Crepis purpurea</i> (Willd.) M.Bieb. (Asteraceae) Populations Distributed in Türkiye and Crimea
11:15-11:30	Çılga Sanem KOÇ	Palaeoflora of Bursa-Orhaneli (NW Anatolia): Characterization and Identification Based on the Leaf Morphology
11-30:11:45	Renas KAYA	<i>Podocarpium podocarpum</i> (A. Braun) Herendeen, A New Record From Early Miocene of Türkiye (Soma Basin, W. Türkiye)

11:45-12:00	Canan ÜNAL	Determination of Genetic Diversity in Scots Pine ( <i>Pinus sylvestris</i> L.) Seed Orchard in Terms of Mg and Mn Element Contents
12:00-12:15	Mustafa KOSOĞLU	Reflection of Türkiye Honey Bee Genetic Diversity and the Floral Richness On Beekeeping
12:15-13:00	<b>LUNCH</b>	

## ONE DAY STUDY TOUR & CLOSING OF THE SYMPOSIUM

**Wednesday, 8 November, 2023**

Time	Activity
13:00-14:00	Menemen Local Pottery Workshop
14:00-15:30	Visit to Aegean Agricultural Research Institute (National Seed Genebank, IZ Herbarium, AARI Fungarium, Laboratories etc.)
15:30-16:00	<b>COFFEE BREAK</b>
16:00-17:00	<b>Panel</b> - Future of Plant Genetic Resources
17:00-	<b>CLOSING REMARKS</b>

## SOCIAL PROGRAMME

**Thursday, 9 November, 2023**

Time	Places
09:00-17:00	Trip to Ephesus Ancient City, House of the Virgin Mary, and Şirince Village