

# 4TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS

June 6-7, 2023 / Rize, Turkiye

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**EDITOR**

**ASSOC. PROF. DR. ETHEM İLHAN ŞAHİN**

**ABSTRACTS BOOK**

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MODERN SCIENTIFIC RESEARCH  
CONGRESS

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# **CONGRESS ID**

## **CONGRESS TITLE**

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CONGRESS**

## **DATE AND PLACE**

**June 6-7, 2023 / Rize, Turkiye**

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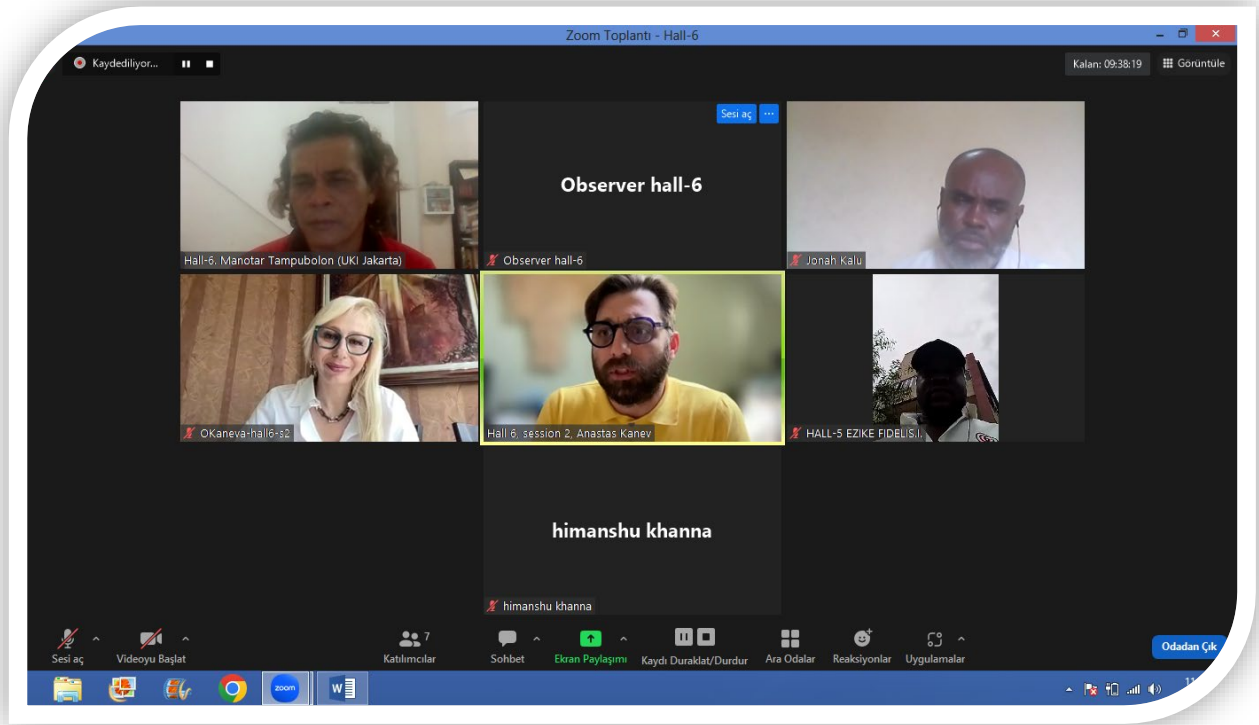
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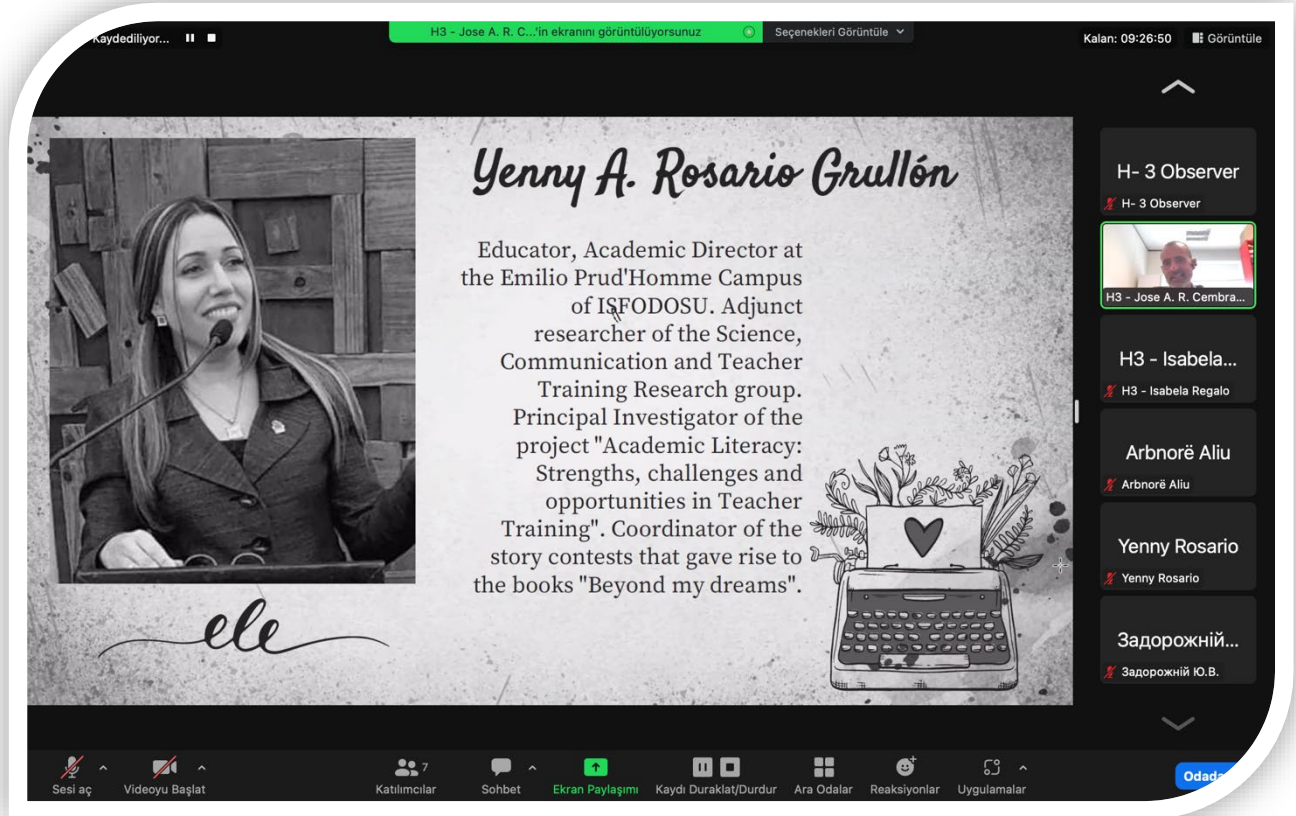
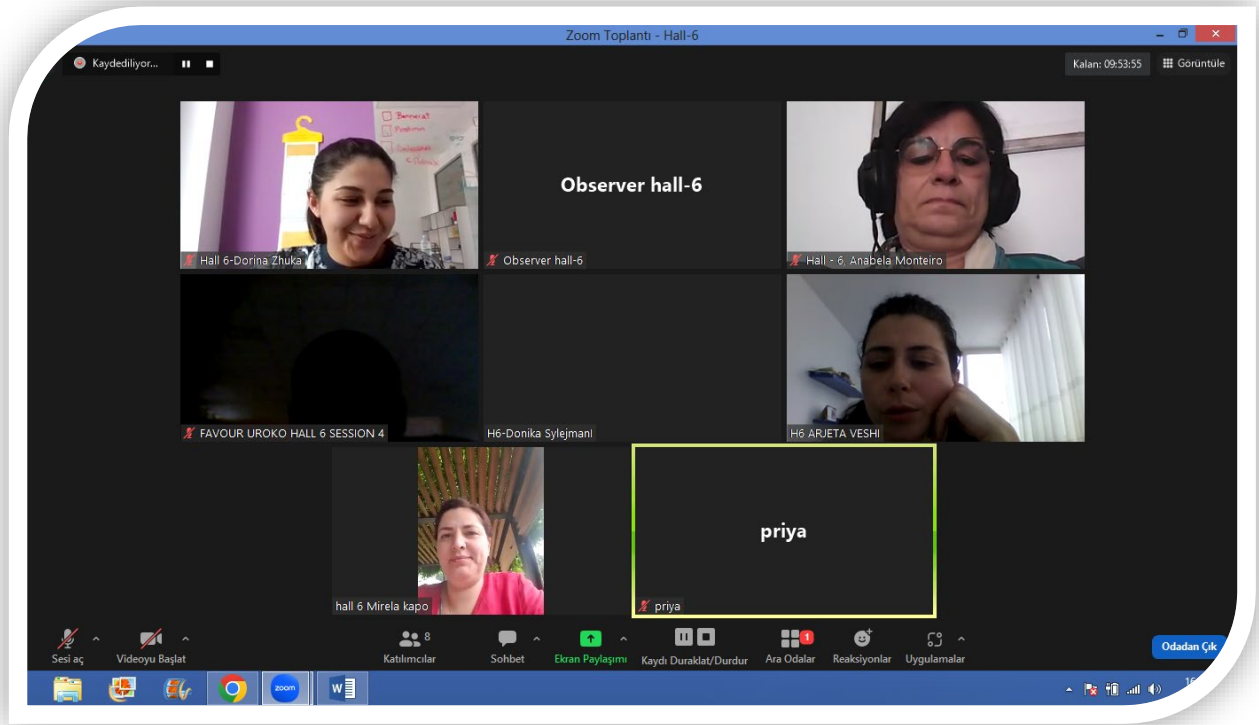
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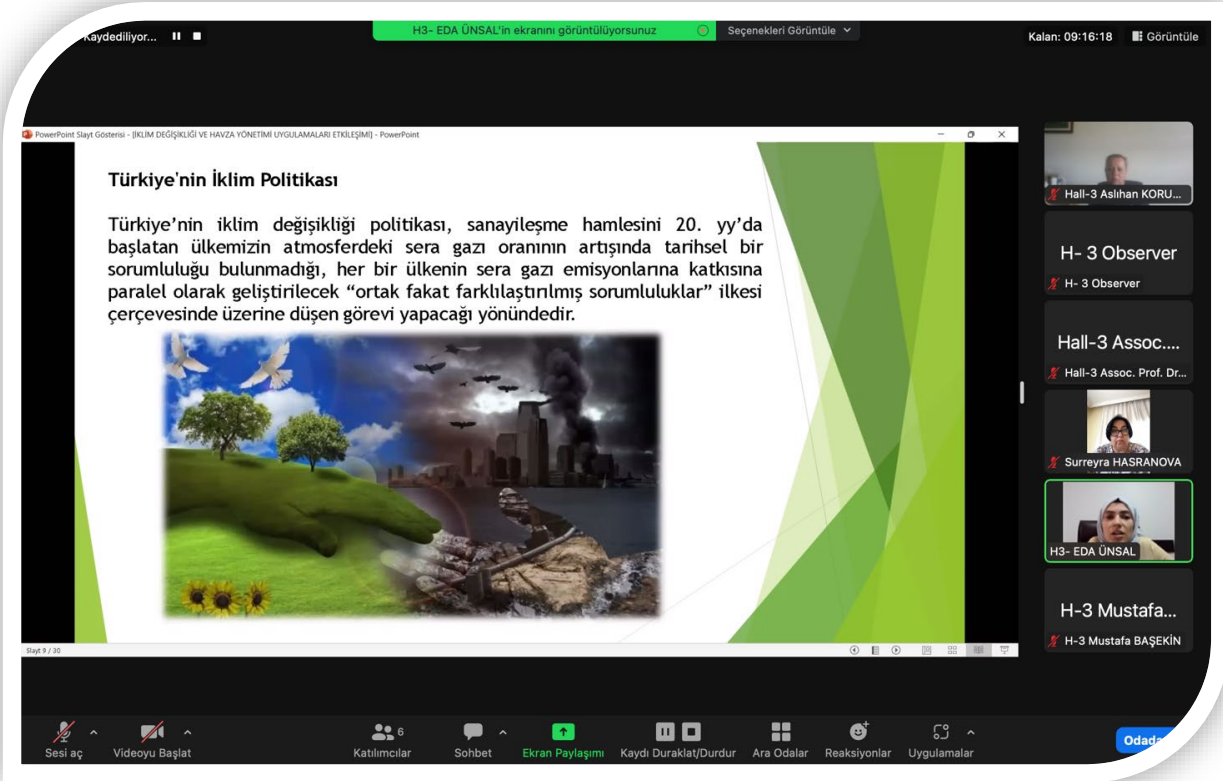
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Kaydediliyor... H3- EDA ÜNSAL'ın ekranını görüntülüyorsunuz Seçenekleri Görüntüle Kalan: 09:15:03 Görüntüle

PowerPoint Slayt Gösterisi - İKLİM DEĞİŞİKLİĞİ VE HAVZA YONETİMİ UYGULAMALARI ETKİLEŞİMİ - PowerPoint

## Su Kıtlığı ve Kuraklık

Yağış rejiminin değişmesi, yüksek sıcaklıklar ve yıl içinde uzun süre yüksek sıcaklıkların neden olduğu buharlaşma potansiyel evapotranspirasyona ve buna bağlı ortaya çıkacak olan su ihtiyacına neden olacaktır. Yağış rejimindeki değişiklikle ortaya çıkan su ihtiyacı ve yüksek sıcaklıklara bağlı buharlaşma sızma ile su kaybı; drenaj sistemin akım özelliklerini de olumsuz şekilde etkilemesiyle hidrolojik kuraklıklarda beklenmelidir.



Slayt 12 / 30

Sesi aç Videoyu Başlat Katılımcılar Sohbet Ekran Paylaşımı Kaydı Duraklat/Durdur Ara Odalar Reaksiyonlar Uygulamalar Odadan Çık

Kaydediliyor... Kalan: 09:15:31 Görüntüle

Hall-4 Sâirdor Földyari Observer 4 hall Hall-4 Ananiya Raat

Sobia S-1, Hall-4 H4-Bi JiaMing H4- Dr. Yar.Zar.Chit

H4-ZHOUCAN Naseem Akhter...

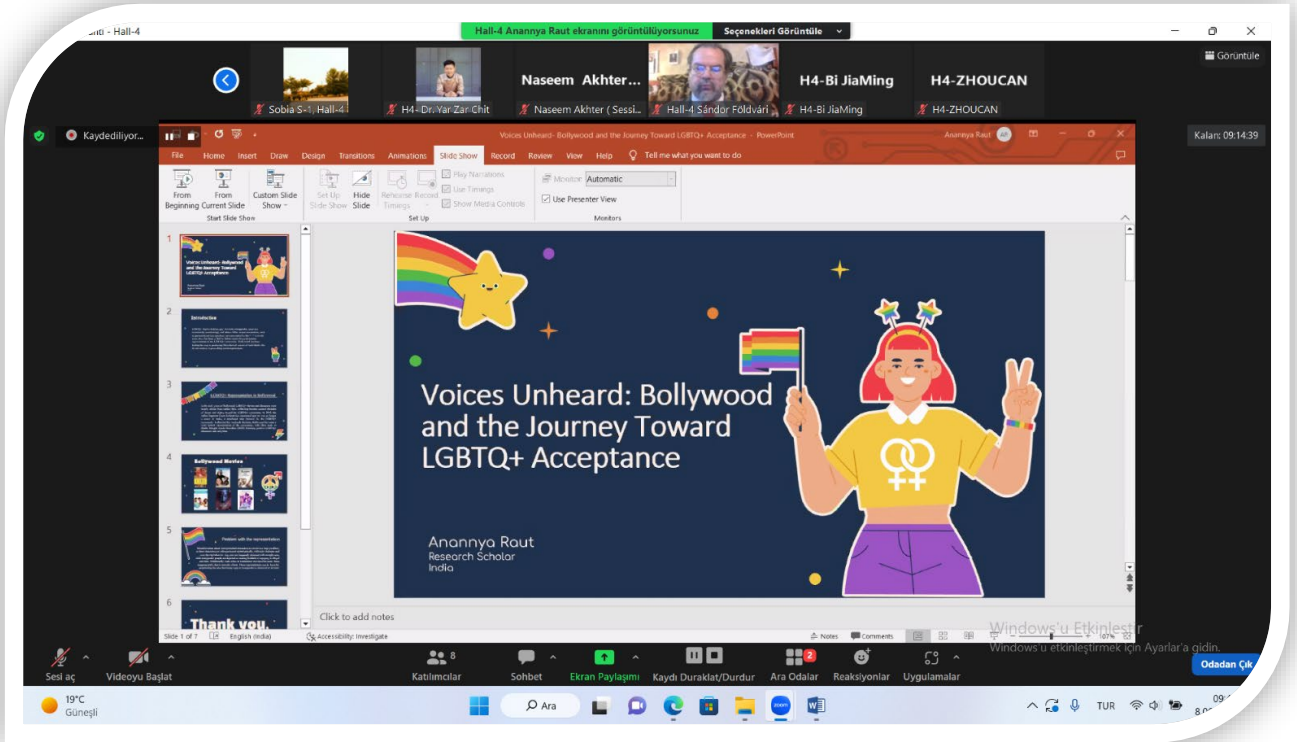
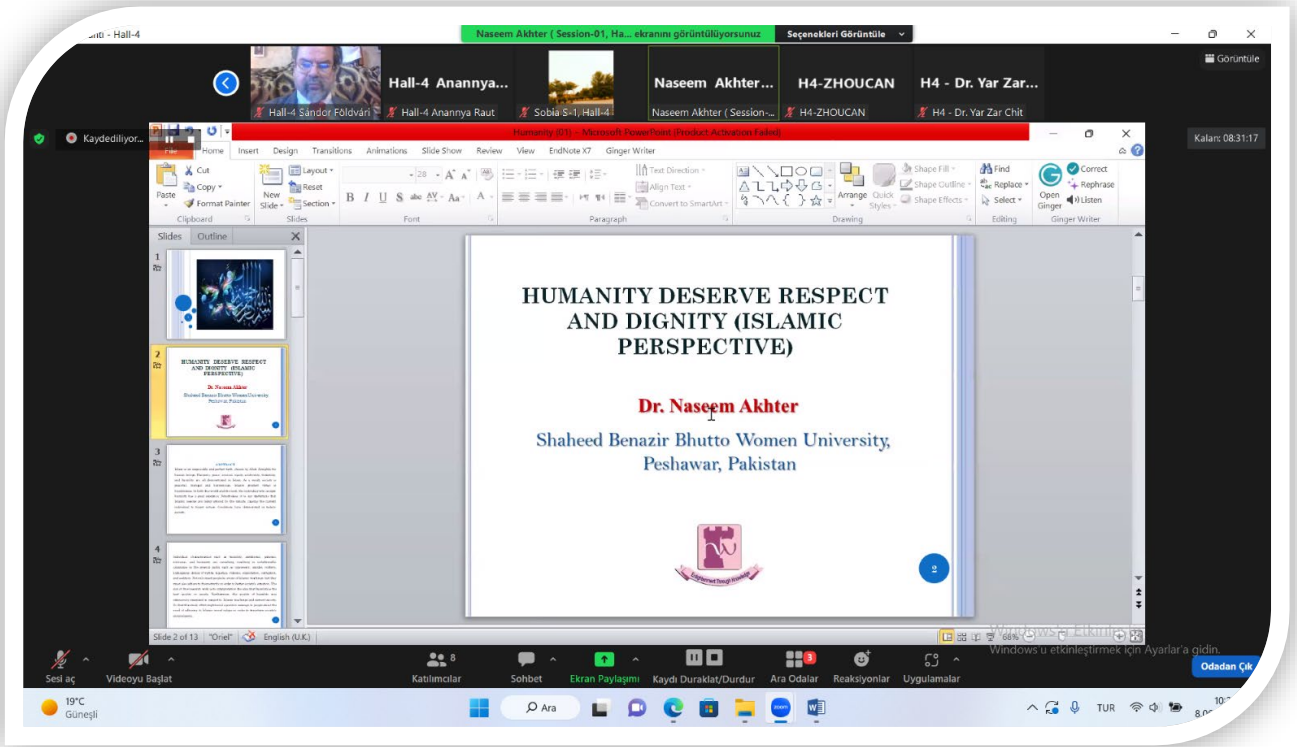
1 atanmamış katılımcı Nase

Windows'u Etkinleştir Windows'u etkinleştirmek için Ayarlar'a gidin. Odadan Çık

Sesi aç Videoyu Başlat Katılımcılar Sohbet Ekran Paylaşımı Kaydı Duraklat/Durdur Ara Odalar Reaksiyonlar Uygulamalar

19°C Güneşli

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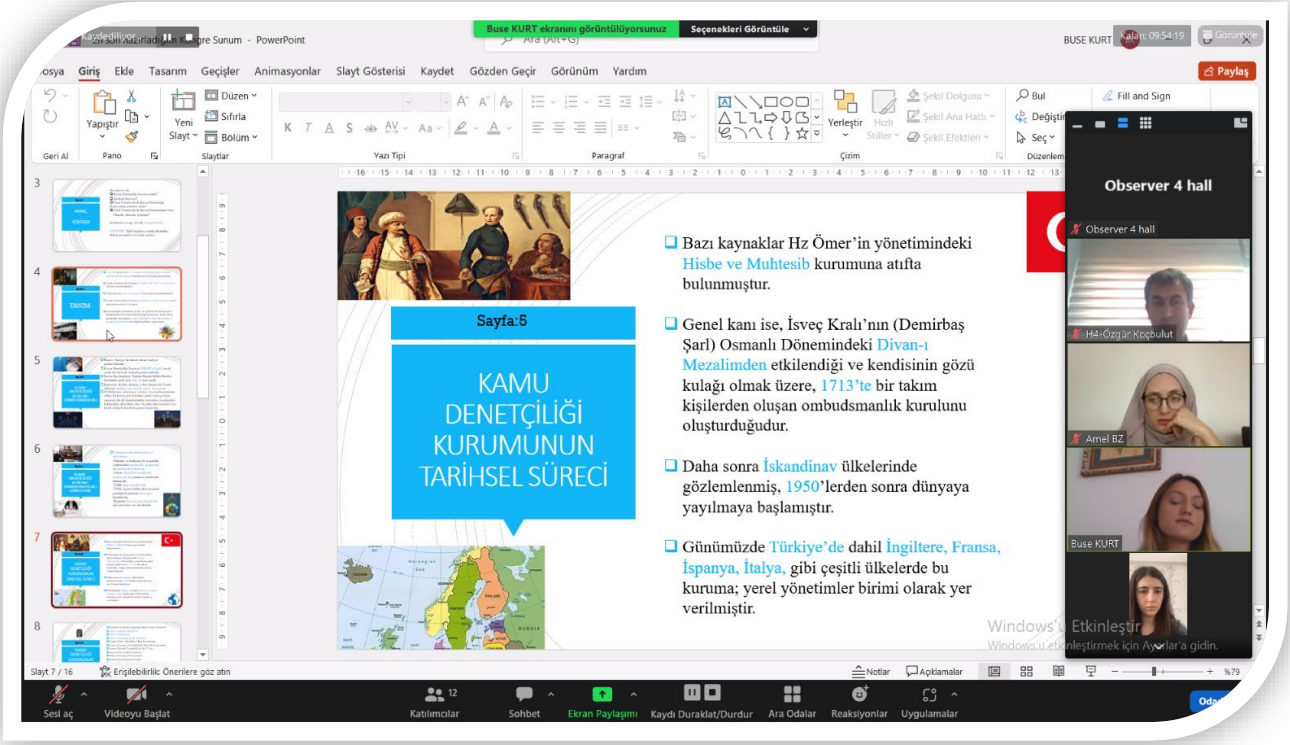
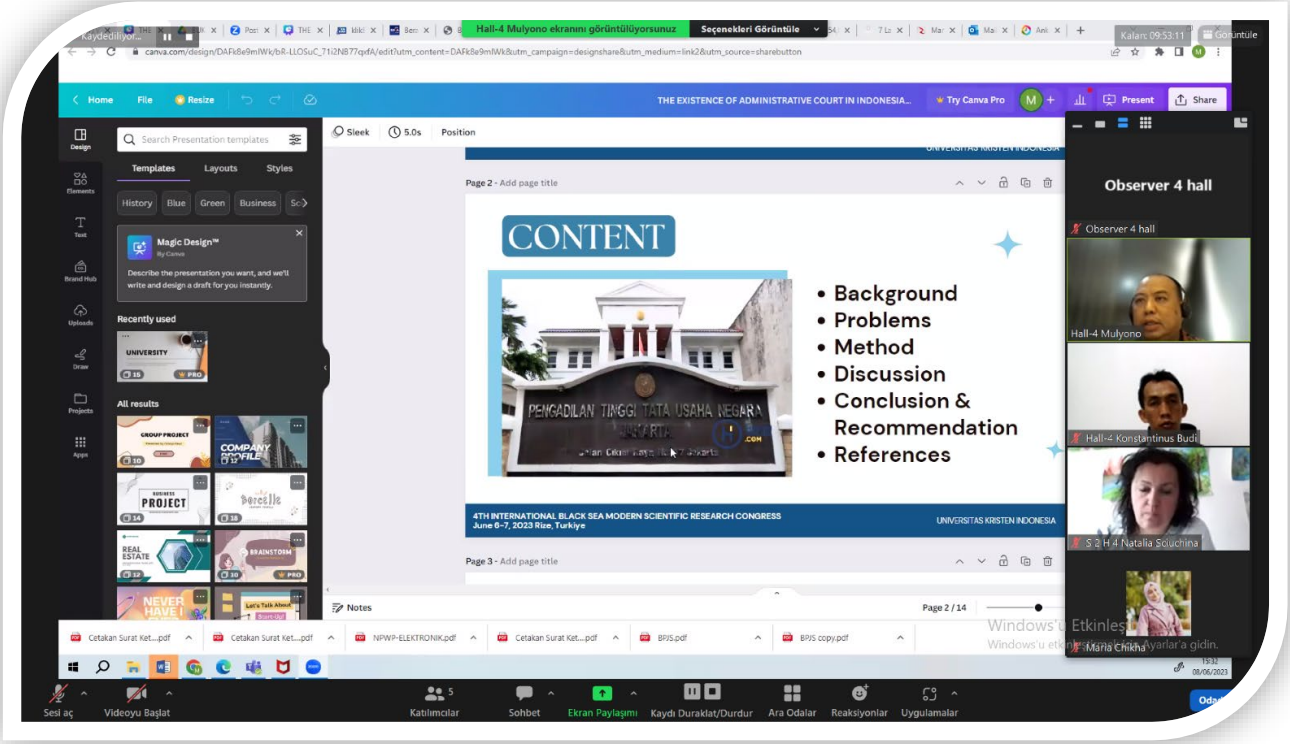
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The screenshot shows a Zoom meeting interface. At the top, there are several video thumbnails of participants: H4-Bi JiaMing, Hall-4 Sándor Földvári, Hall-4 Anannya Raut, Sobia S-1 Hall-4, Naseem Akhter (Sessi...), and H4-ZHOUCAN. The main content is a slide titled "Behaviour mapping" with a line graph showing three data points. The first point is labeled "Use icon to show the site that pedestrians stay near intersections". The second point is labeled "Mapping the routes of pedestrians.". The third point is labeled "Observation" and is connected to a text box that says "Not taking photos of any children.". The slide has navigation arrows on the left and right. At the bottom of the Zoom window, there is a taskbar with various icons and a system tray showing the time as 08:36:16.

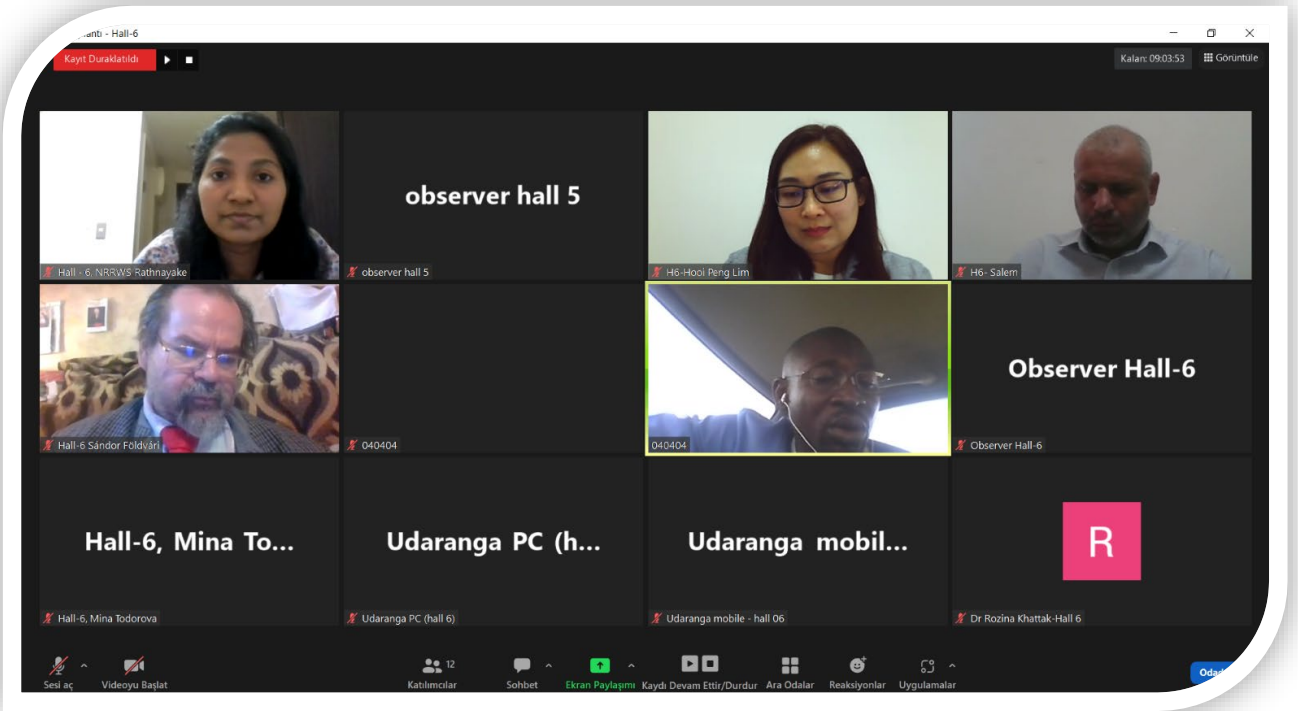
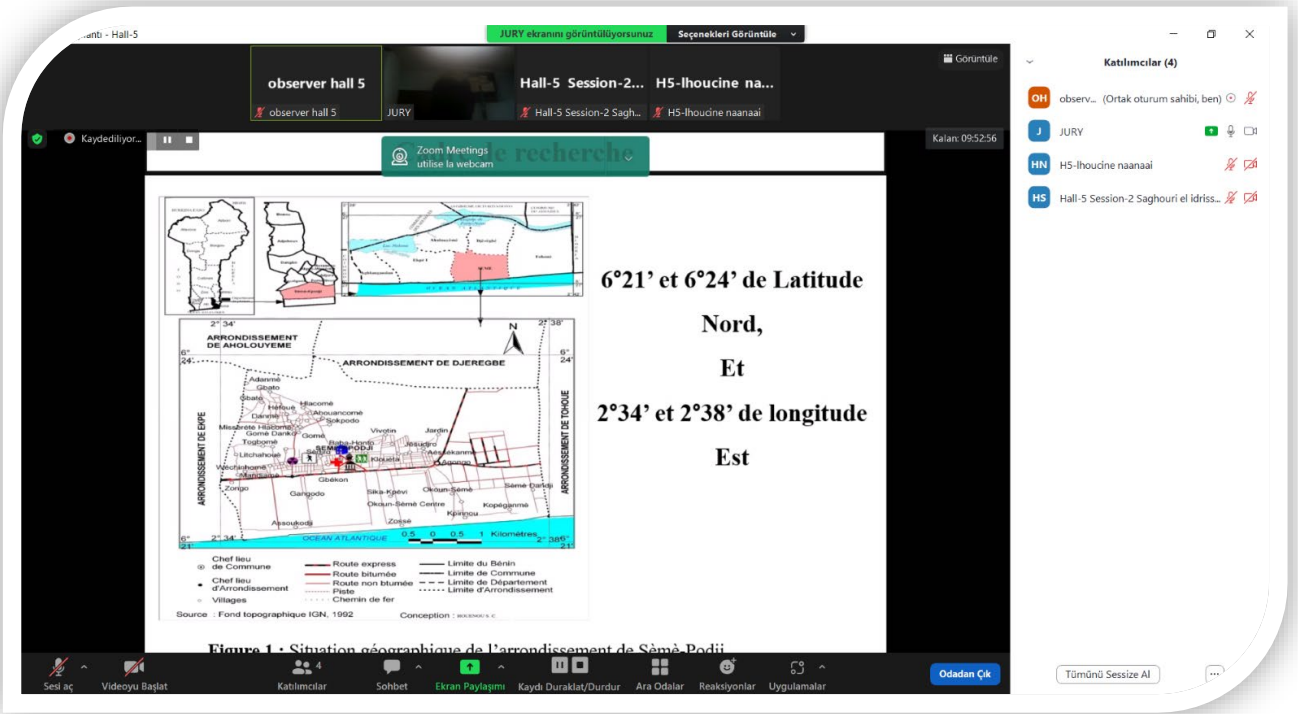
The screenshot shows a Zoom meeting interface in gallery view. There are 10 participants visible in a 2x5 grid. The participants are: Hall-4 Konstantinos Budi, Observer 4 hall, S-2, H-4 Natalia Sdúchina, HALL-4 BERKAY ERDOGAN, Konrad Manurung-Hall-4, Hall-4 Mulyono, Maria Chikha, chikha maria, S-2, H-4, Siddhant, and H4. Abderrahim El Moussaouy. The Zoom window has a taskbar at the bottom with various icons and a system tray showing the time as 09:24:39.



# PHOTO GALLERY



# PHOTO GALLERY





# 4<sup>th</sup> INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS

6-7-8 June 2023  
Rize, Turkiye

## CONGRESS PROGRAM

Zoom Meeting ID: **885 8479 8409**  
Zoom Passcode: **040404**

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**06.06.2023 / Session-2, Hall-5**  
**Ankara Local Time: 11:30 – 13:30**

**Moderator: Dr-Fakhar-ud-Din**

**Meeting ID: 885 8479 8409 / Passcode: 040404**

Title	Author(s)	Affiliation
THE EFFECT OF LOCAL FEEDING OF <i>Hymenachne amplexicaulis</i> GRASS ON THE BODY CONDITION SCORE OF BALI CATTLE	Suhardi Ari Wibowo Anhar Faisal Fanani Nurul Fajrih	Mulawarman University INDONESIA
STATISTICALLY DESIGNED DEXIBUPROFEN LOADED SOLID LIPID NANOPARTICLES FOR ENHANCED ORAL BIOAVAILABILITY	Shah Faisal Ghani Zakir Ali Dr-Fakhar-ud-Din	Quaid-i-Azam University PAKISTAN
IMPACT OF NITROGEN SOURCES, GYPSUM, AND GROWTH REGULATORS ON THE DEVELOPMENT, YIELD, AND QUALITY OF INDIAN MUSTARD ( <i>BRASSICA JUNCEA L</i> )	Khadija Mika Dawud	Sharda University INDIA
ACUTE AND SUBACUTE TOXICITY ASSESSMENT OF THE AQUEOUS EXTRACT OF MOROCCAN FERULA COMMUNIS FRUIT IN MOUSE MODEL	NOUIOURA Ghizlane LYOUSSI Badiaa DERWICH El houssine	Sidi Mohamed Ben Abdellah University MOROCCO
ENHANCING LEACHATE TREATMENT FROM LANDFILLS: A RESPONSE SURFACE METHODOLOGY AND CENTRAL COMPOSITE DESIGN APPROACH TO COAGULATION-FLOCCULATION OPTIMIZATION	Roukaya Bouyakhsass Salah Souabi Safaa Khattabi Rifi Soukaina Bouaouda Abdeslam Taleb Aysegul Pala Oussama Hartal Abdelaziz Madinzi	University Hassan II, Mohammedia MOROCCO Dokuz Eylul University TÜRKİYE
OPTIMIZATION OF COAGULATION PROCESS FOR TREATMENT OF OLIVE OIL MILL WASTEWATER USING MORINGA OLEIFERA AS A NATURAL COAGULANT, CCD COMBINED WITH RSM FOR TREATMENT OPTIMIZATION	Safaa Khattabi Rifi Salah Souabi Loubna El Fels Anas Driouich Ilham Nassri Chaymae Haddaji Mohamed Hafidi	University Hassan II, Mohammedia MOROCCO University Cadi Ayyad (UCA) MOROCCO Mohammed V University MOROCCO
EVALUATION OF THE EFFICIENCY OF WASTEWATER TREATMENT IN VEGETABLE OIL REFINERIES BY A COMBINED PROCESS: NATURAL FLOTATION AND COAGULATION FLOCCULATION	Oussama Hartal Salah Souabi Safaa Khattabi Rifi Aysegul Pala Roukaya Bouyakhsass Soukaina Bouaouda Abdelaziz Madinzi	University Hassan II, Mohammedia MOROCCO Dokuz Eylul University TÜRKİYE
EFFECT OF SILICON NANOPARTICLES ON THE GROWTH OF PETUNIA ( <i>PETUNI × ATKINSIANA D. DON</i> ) IN VITRO	Krupa-Malkiewicz Marcelina Ochmian Ireneusz	West Pomeranian University POLAND
THE IMPACT OF CLIMATE CHANGE ON THE DISTRIBUTION AND DIVERSITY OF HERPETOFAUNA IN INDIA	Vidya Padmakumar Murugan Shanthakumar	Bangalore University INDIA

**All participants must join the conference 10 minutes before the session time.**

**Every presentation should last not longer than 10-12 minutes.**

**Kindly keep your cameras on till the end of the session.**

Nandana Jill Sannidhi Bhootra Samiyah Kannanthodi Rohit Rajak Vidhi Thakkar Geetha Shanmugam Sudeshna Rakshit Koustav Sarkar	INVOLVEMENT OF SIGNAL TRANSDUCTION MECHANISM OF STAT1 MEDIATED EPIGENETIC REGULATION OF T CELL DIFFERENTIATION IN BREAST CANCER	43
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# THE EFFECT OF LOCAL FEEDING OF HYMENACHNE AMPLEXICAULIS GRASS ON THE BODY CONDITION SCORE OF BALI CATTLE

**Suhardi**

**Ari Wibowo**

**Anhar Faisal Fanani**

**Nurul Fajrih**

Departement of Animal Science, Faculty of Agriculture, Mulawarman University, Jl. Pasir Balengkong, Kampus Gunung Kelua, Samarinda 75123, Indonesia

## ABSTRACT

The aim of this study was to determine the body condition score (BCS) of male Bali cattle (*Bos sondaicus*) fed local grass *Hymenachne amplexicaulis*. This study is important to look at the factors that can affect the performance of Bali cattle based on BCS and body condition by feeding *Hymenachne amplexicaulis* grass. The research was conducted in North Samarinda District, Samarinda City, East Kalimantan Province (coordinates 0°24'45.2"S 117°11'07.8"E). The test consisted of 30 male Bali cattle aged 2-3 years with a body weight of  $197.65 \pm 29.8$  kg and *Hymenachne amplexicaulis* grass using the ad-libitum method for 30 days. Data analysis used descriptive method. The results showed that the body weight of the cows fed local grass was  $211.70 \pm 29.54$  kg, the average daily body weight gain was observed to be 0.4 kg/day/head. The average body length was  $97.33 \pm 5.76$  cm or an increase of 0.25%, the average chest circumference was  $148.17 \pm 8.72$  cm or an increase of 1.64%, and the average gumba height was  $106.23 \pm 3.95$  cm. BCS results obtained ranged from 3 to 4 with an average of  $3.43 \pm 17.61$ . The conclusion in this study using the grass *Hymenachne amplexicaulis* obtained BCS in the medium category.

**Keywords:** Bali cattle, body condition score, *Hymenachne amplexicaulis*.