

# IntAgriCon 2021

**International Conference on Agribusiness and Food Economics**

12-14 August, 2021

Online via Zoom

<https://intagricon.org/>

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## Zoom Meeting Information

To join the session, please click on the zoom link provided below or the link placed at the upper-right of each session on the programme. No password is required to join any session.

### IntAgriCon Meeting Room A

<https://us02web.zoom.us/j/85311181275?pwd=dGY1T2xyR1MvRk8wVzZnKzcwcVhFZz09>

Meeting ID: 853 1118 1275

Passcode: 580875

## Moderating a Session

We thank all moderators for their contribution to the conference. We expect from the moderators to help us in smooth running of the conference.

- Please note that each presenter has 25 minutes in total. It's very important to be sharp on timing.
- When to take the questions of audience is the decision of the moderator: either at the end of each presentation or at the end of session.
- Please warn the participants to forward their questions/comments through the chat in Zoom.
- Finally, let us know by sending an e-mail to [intagricon@outlook.com](mailto:intagricon@outlook.com) if any of the presenter in your session does not participate and present her/his paper.

## Presentation Information

Session hours are set to Turkish local time (UTC +3, İstanbul). To convert to your local time, please visit: <https://www.worldtimebuddy.com/>

The time allowed for each presentation is **25 minutes** in total: **20 minutes talk + 5 minutes for questions and answers**. The moderator may change the order of presentations in the session. Please join your session at least 5 minutes before the session starts, turn on your camera during your presentation. Please also note that each presenter is expected to stay in the whole session.

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## **Intagricon 2021**

**International Conference on Agribusiness and Food Economics**

**12-14 August, 2021**

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## **Intagricon 2021**

**Uluslararası Tarımsal İşletmecilik ve Gıda Ekonomisi Kongresi**

**12-14 Ağustos 2021**

Zoom ile online

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## General Information

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## Genel Bilgi

#### ORGANIZATION COMMITTEE

#### ORGANİZASYON KURULU

**M. Atilla ARICIOĞLU** – Necmettin Erbakan University, Turkey  
**Süleyman DEĞİRMEN** – Konya Food and Agriculture University, Turkey  
**Haluk GEDİKOĞLU** – Konya Food and Agriculture University, Turkey  
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**Sevim Seda YAMAÇ** – Konya Food and Agriculture University, Turkey

#### CONFERENCE SECRETARIAT

#### KONGRE SEKRETERLİĞİ

**Mustafa ÖZSARI** – Konya Food and Agriculture University, Turkey

#### INVITED SPEAKERS

#### DAVETLİ KONUŞMACILAR

[Luis Miguel Albisu](#) – CITA, Spain  
[Serhat Ascı](#) – California State University, USA  
[Hasan Dudu](#) – Worldbank, USA  
[Ali Koç](#) – Akdeniz University, Turkey  
[Subal C. Kumbhakar](#) – State University of New York, USA

**SCIENTIFIC COMMITTEE**

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**Kubilay Kurtuluş Baştaş** – Selçuk University, Turkey  
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**Selim Çağatay** – Akdeniz University, Turkey  
**Vedat Ceyhan** – 19 Mayıs University, Turkey  
**Nizamettin Çiftçi** – Selçuk University, Turkey  
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**İlkay Dellal** – Ankara University, Turkey  
**Mahir Fisunoğlu** – Çağ University, Turkey  
**Haluk Gedikoğlu** – Konya Food and Agriculture University, Turkey  
**Bülent Gülçubuk** – Ankara University, Turkey  
**Arzu Kan** – Ahievran University, Turkey  
**Mustafa Kan** – Ahievran University, Turkey  
**Zeynep Karaçor** – Selçuk University, Turkey  
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**Andras Kis** – Corvinus University of Budapest, Hungary  
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**Taylan Kıymaz** – IFAD, Turkey  
**Ali Koç** – Akdeniz University, Turkey  
**Veysel Kula** – Afyon Kocatepe University, Turkey  
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**Latif Kurt** – Ankara University, Turkey  
**Luis Miguel Albisu** – CITA, Spain  
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**Meltem Onay** – On Beş Kasım Kıbrıs University, TRNC  
**Gökhan Özertan** – Boğaziçi University, Turkey  
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**Wasim Ul Rehman** – Punjab University, Pakistan  
**Ahmet Şengönül** – Cumhuriyet University, Turkey  
**Haydar Şengül** – Çukurova University, Turkey  
**İsmail Seyrek** – Necmettin Erbakan University, Turkey  
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**Ewa Stawicka** – Warsaw University of Life Sciences, Poland  
**Aleksandra Martinovska Stojcheska** – University Ss Cyril and Methodius in Skopje, Macedonia  
**Ekrem Tatoğlu** – İbn Haldun University, Turkey  
**Özgür Teoman** – Hacettepe University, Turkey  
**Önder Türkmen** – Selçuk University, Turkey  
**Harun Uçak** – Alanya Keykubat University, Turkey  
**Gábor Ungvári** – Corvinus University of Budapest, Hungary  
**İbrahim Yılmaz** – Akdeniz University, Turkey  
**T. Edward Yu** – University of Tennessee, USA

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**PROGRAM KURULU**

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**Vedat Ceyhan** – 19 Mayıs University, Turkey  
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**İbrahim Yılmaz** – Akdeniz University, Turkey

COMMUNICATION

İLETİŞİM

**IntAgriCon2021**

Konya Food and Agriculture University  
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**IntAgriCon2021**

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## Short Programme

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## Kısa Program

## PROGRAM AT A GLANCE

**Beware! Session hours are set to Turkish local time (UTC +3, İstanbul).**  
**To convert to your local time, please visit:**  
<https://www.worldtimebuddy.com/>

**Thursday, August 12, 2021**

**Perşembe, 12 Ağustos 2021**

- 10:00-10:30** Opening / Açılış
- 10:30-10:45** Opening Speech / Açılış konuşması  
*Cumhur Çökmüş* (Rector, Konya Food and Agriculture University, Turkey)
- 10:45-11:00** Opening Speech / Açılış konuşması  
*Süleyman Değirmen* (Dean, Konya Food and Agriculture University, Turkey)
- 11:00-11:30** Coffee Break / Kahve Arası
- 11:30-12:30** Keynote Address / Davetli konuşmacı  
*Luis Miguel Albisu* (CITA, Spain)
- 12:30-13:30** Lunch / Öğle Yemeği
- 13:30-14:45** Session / Oturum  
T1A Environmental and Ecological Economics
- 14:45-15:15** Coffee Break / Kahve Arası
- 15:15-16:30** Session / Oturum  
T2A Environment and Ecological Economics
- 16:30-17:00** Coffee Break/ Kahve Arası
- 17:00-18:00** Keynote Address / Davetli konuşmacı  
*Subal C. Kumbhakar* (State University of New York, USA)

Friday, August 13, 2021

Cuma, 13 Ağustos 2021

- 09:30-10:45** **Session / Oturum**  
F1A Tarım, Orman ve İklim Krizi
- 10:45-11:15 Coffee Break / Kahve Arası
- 11:15-12:00** **Keynote Address / Davetli konuşmacı**  
**Serhat Aşçı** (California State University, USA)
- 12:00-13:30 Lunch / Öğle Yemeği
- 13:30-14:45** **Sessions / Oturumlar**  
F2A Tarım Ekonomisinde Seçme Konular
- 14:45-15:15 Coffee Break / Kahve Arası
- 15:15-16:30** **Sessions / Oturumlar**  
F3A Topics in Agricultural Economics
- 16:30-17:00 Coffee Break / Kahve Arası
- 17:00-18:00** **Keynote Address / Davetli konuşmacı**  
**Hasan Dudu** (WorldBank, USA)

**Saturday, August 14, 2021**

**Cumartesi, 14 Ağustos 2021**

- 09:30-10:45** **Sessions / Oturumlar**  
S1A Akıllı Tarım, Gıda ve Covid-19
- 10:45-11:15** Coffee Break / Kahve Arası
- 11:15-12:15** **Keynote Address / Davetli konuşmacı**  
*Ali Koç* (Akdeniz University, Turkey)
- 12:15-13:30** Lunch / Öğle Yemeği
- 13:30-14:45** **Sessions / Oturumlar**  
S2A Agricultural Firms and Finance
- 14:45-15:15** Coffee Break / Kahve Arası
- 15:315-16:30** **Sessions / Oturumlar**  
S3A Regional Agriculture
- 16:30-16.45** **Closing**

## Programme

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## Program

## DAY 1: Keynote Addresses

### T10S OPENING SPEECH I

Aug 12 / 12 Ağustos

10.30–10:45

[Zoom Room A \(click to connect\)](#)

*Cumhur Çökmüş (Rector, Konya Food and Agriculture University, Turkey)*

Moderator: **Yılmaz Kılıçaslan** (Anadolu University, Turkey)

### T20S OPENING SPEECH II

Aug 12 / 12 Ağustos

10.45–11:00

[Zoom Room A \(click to connect\)](#)

*Süleyman Değirmen (Dean, Konya Food and Agriculture University, Turkey)*

Moderator: **Yılmaz Kılıçaslan** (Anadolu University, Turkey)

### T11L KEYNOTE ADDRESS I

Aug 12 / 12 Ağustos

11:30-12:30

[Zoom Room A \(click to connect\)](#)

*How Food Consumers Have Reacted during the Pandemia: Some Empirical Evidences*

*Luis Miguel Albisu (CITA, Spain)*

Moderator: **Selim Çağatay** (Akdeniz University, Turkey)

### T21L KEYNOTE ADDRESS II

Aug 12 / 12 Ağustos

17.00–18:00

[Zoom Room A \(click to connect\)](#)

*Some Reflections on Stochastic Frontier Models*

*Subal C. Kumbhakar (State University Of New York, USA)*

Moderator: **Yılmaz Kılıçaslan** (Anadolu University, Turkey)

### T10S OPENING SPEECH

Aug 12 / 12 Ağustos

10.30–10:45

[Zoom Room A \(click to connect\)](#)

**Cumhur Çökmüş** (*Konya Food and Agriculture University, Turkey*)

Moderator: **Yılmaz Kılıçaslan** (Anadolu University, Turkey)

### T20S OPENING SPEECH

Aug 12 / 12 Ağustos

10.45–11:00

[Zoom Room A \(click to connect\)](#)

**Süleyman Değirmen** (*Konya Food and Agriculture University, Turkey*)

Moderator: **Yılmaz Kılıçaslan** (Anadolu University, Turkey)

### T11L KEYNOTE ADDRESS I

Aug 12 / 12 Ağustos

11:30-12:30

[Zoom Room A \(click to connect\)](#)

*How Food Consumers Have Reacted during the Pandemia: Some Empirical Evidences*  
**Luis Miguel Albisu** (*CITA, Spain*)

Moderator: **Selim Çağatay** (Akdeniz University, Turkey)

## T1A ENVIRONMENT AND ECOLOGICAL ECONOMICS

Aug 12 /12 Ağustos

13:30-14:45

[Zoom Room A \(click to connect\)](#)

### Water savings and economic gains due to the international trade of crops in the MENA region

*Andras Kis (Corvinus University of Budapest, REKK, Hungary)*

*Irina Gribanenkova (Corvinus University of Budapest, Hungary)*

### A Synthesis on Impact Assessment Models from the Perspective of Evolution of the EU Common Agricultural Policy

*Selim Cagatay (Akdeniz University, Turkey)*

*Ali Koc (Akdeniz University, Turkey)*

*Ahmet Bayaner (Akdeniz University, Turkey)*

*Peyman Uysal (Antalya Bilim University, Turkey)*

*Sedat Arslan (Independent Researcher, Turkey)*

### Don't Panic it's Organic: Promoting Organic farming technique

*Tanushree Haldar (IIM Nagpur, IN)*

Moderator: **Ahmet Şengönül** (Cumhuriyet University, Turkey)

## T2A FOOD ECONOMICS

Aug 12 /12 Ağustos

15:15-16:30

[Zoom Room A \(click to connect\)](#)

### Changing Consumption Attitudes During Covid-19 Outbreak: A Comparative Example from Turkey

*Figen Ceylan (Akdeniz University, Turkey)*

*Metin Göksel Akpınar (Akdeniz University, Turkey)*

*Burhan Özkan (Akdeniz University, Turkey)*

### Dynamics of Consumers' Behavior in Food Waste: Evidence across four decades

*Suzan Odabaşı (Usak University, Turkey)*

Moderator: **Mahir Fisunoğlu** (Çağ University, Turkey)

## T2IIL KEYNOTE ADDRESS II

Aug 12 / 12 Ağustos

17.00–18:00

[Zoom Room A \(click to connect\)](#)

*Some Reflections on Stochastic Frontier Models*

*Subal C. Kumbhakar (State University of New York, USA)*

Moderator: **Yılmaz Kılıçaslan** (Anadolu University, Turkey)



## DAY 1: Keynote Addresses

### F1IL KEYNOTE ADDRESS I

Aug 13 / 13 Ağustos

11.15–12:00

[Zoom Room A \(click to connect\)](#)

*Trends And Issues in Fruits and Nuts Sectors: Californian Case With Implications On Turkey*  
**Serhat Aşçı** (California State University, USA)

Moderator: **Süleyman Değirmen** (Konya Food and Agriculture University, Turkey)

### F2IL KEYNOTE ADDRESS I

Aug 13 / 13 Ağustos

17.00–18:00

[Zoom Room A \(click to connect\)](#)

*Global Green Transition and Options for Turkey*  
**Hasan Dudu** (World Bank, USA)

Moderator: **Yılmaz Kılıçaslan** (Anadolu University, Turkey)

## F1A TARIM, ORMAN ve İKLİM KRİZİ

Aug 13 / 13 Ağustos

09:30-10:45

[Zoom Room A \(click to connect\)](#)

### Çiftçilerin Ziraat Odasından Memnuniyet Durumunun Belirlenmesi: Kahramanmaraş İli Örneği

**Mücahit Paksoy** (Kahramanmaraş Sutcu Imam University, Turkey)

**Ebru İzbudak** (Kahramanmaraş Sutcu Imam University, Turkey)

### Orman Köylerinde Koruma Amaçlı Yerinden Edilme Süreçleri: Aktörler, Söylemler ve Etkiler

**Sabriye Ak Kuran** (Nevşehir Hacı Bektaş Veli University, Turkey)

### İklim Krizi, Kirlilik ve Pandemi Sarmalında Tarım

**Esin Candan Demirkol** (Dokuz Eylül University, Turkey)

Moderatör: **Selim Çağatay** (Akdeniz University, Turkey)

## F1IL KEYNOTE ADDRESS I

Aug 13 / 13 Ağustos

11.15–12:00

[Zoom Room A \(click to connect\)](#)

*Trends And Issues in Fruits and Nuts Sectors: Californian Case With Implications On Turkey*

**Serhat Aşçı** (California State University, USA)

Moderator: **Süleyman Değirmen** (Konya Food and Agriculture University, Turkey)

## F2A TARIM EKONOMİSİNDE SEÇME KONULAR

Aug 13 / 13 Ağustos

13:30-14:45

[Zoom Room A \(click to connect\)](#)

### Bal Verimliliği için Öngörü: Makine Öğrenmesi Yaklaşımı

**Emrah Er** (Ankara University, Turkey)

**Selçuk Gemicioğlu** (Ankara University, Turkey)

### Tüketici Tercihini Etkileyen Faktörlerin Metin Madenciliği ve İçerik Analizi Tekniğiyle İncelenmesi:

#### Ekşi Sözlük Örneği (Krem Çikolata)

**Osman Nurullah Berk** (Selcuk University, Turkey)

**Süleyman Değirmen** (Konya Food and Agriculture University, Turkey)

**Hasan Yılmaz** (Selcuk University, Turkey)

### Sürdürülebilir Tarım Modeli Olarak Dikey Tarımın Fırsatları ve Zorlukları: SWOT Analizi

**Aykut Örs** (Agriculture and Rural Development Support Institution, Turkey)

**Ender Kaya** (Karamanoğlu Mehmetbey University, Turkey)

**Nuri Orhan** (Selcuk University, Turkey)

Moderator: **Ali Koç** (Akdeniz University, Turkey)

### F3A TOPICS IN AGRICULTURAL ECONOMICS

Aug 13 /13 Ağustos

15:15-16:45

[Zoom Room A \(click to connect\)](#)

[Tea- Innovations and their Impact on Market Diversification and Firm Performance in the Sri Lankan Tea Industry](#)

*Chamila Pilapitiya (Saga University, Japan)*

[Crop Yield Convergence Across Districts in India's Poorest State](#)

*Rishabh Sinha (The World Bank, USA)*

[Impacts of Covid 19 Pandemic on Food Security and Livelihood among Households in Kaduna Metropolis](#)

*Wasiu O. Fawole (Akdeniz University, Turkey)*

*Burhan Ozkan (Akdeniz University, Turkey)*

Moderator: **Wasim Ul Rehman** (Punjab University, Pakistan)

### F2IL KEYNOTE ADDRESS I

Aug 13 / 13 Ağustos

17.00–18:00

[Zoom Room A \(click to connect\)](#)

*Global Green Transition and Options for Turkey*

*Hasan Dudu (World Bank, USA)*

Moderator: **Yılmaz Kılıçaslan** (Anadolu University, Turkey)

## DAY 3: Keynote Addresses

### S11L KEYNOTE ADDRESS I

Aug 14 / 14 Ağustos

11.15–12:15

[Zoom Room A \(click to connect\)](#)

*What Explains TFP in Agriculture: An Empirical Analysis with Panel Data*  
**Ali Koç** (Akdeniz University, Turkey)

Moderator: **Süleyman Değirmen** (Konya Food and Agriculture University, Turkey)

### S1A AKILLI TARIM, GIDA VE COVID-19

Aug 14 / 14 Ağustos

09:30-10:45

[Zoom Room A \(click to connect\)](#)

#### Akıllı Tarım Teknolojilerinin Tarımsal İşletme Yöneticiliğine Sunduğu Avantajlar

**Kemalettin Ağızan** (Selcuk University, Turkey)

**Zeki Bayramoğlu** (Selcuk University, Turkey)

#### Gıda Fiyatlarının Enflasyon Üzerindeki Asimetrik Etkisi: Türkiye Örneği

**M. Ozan Yıldırım** (Pamukkale University, Turkey)

#### Covid-19 Salgınının Mevsimlik Tarım İşçileri Üzerindeki Etkilerine Yönelik Politika Önerileri: Türkiye Örneği

**Merve Bozdemir Akcil** (Selcuk University, Turkey)

**Zeki Bayramoğlu** (Selcuk University, Turkey)

#### Gıda Gruplarına Göre Gıda Atık Esnekliği: Konya Örneği

**Seda Subaşı** (Selcuk University, Turkey)

**Zeki Bayramoğlu** (Selcuk University, Turkey)

Moderatör: **Ömür Saltık** (Konya Food and Agriculture University, Turkey)

### S11L KEYNOTE ADDRESS I

Aug 14 / 14 Ağustos

11.15–12:15

[Zoom Room A \(click to connect\)](#)

*What Explains TFP in Agriculture: An Empirical Analysis with Panel Data*

**Ali Koç** (Akdeniz University, Turkey)

Moderator: **Süleyman Değirmen** (Konya Food and Agriculture University, Turkey)

## S2A AGRICULTURAL FIRMS and FINANCE

Aug 14 / 14 Ağustos

13:30-14:45

[Zoom Room A \(click to connect\)](#)

### [Agricultural Produce Marketing in Semi-Urban Areas: The case of Plantain Marketing in Nsukka, Nigeria](#)

*Zechariahs Owutuamor (Federal Polytechnic Ekowe, Nigeria)*

*Ikenna Ukwuaba (University of Nigeria, Nigeria)*

*Francis Igbegwu (National Horticultural Research Institute, Nigeria)*

### [Two approaches to bankruptcy prediction in agricultural firms and the vegetative cycle of crops](#)

*Mario S. Ceu (Universidade de Lisboa, Portugal)*

*Raquel M. Gaspar (Universidade de Lisboa, Portugal)*

### [Determinants of the Financial Performance and Sustainability of Microfinance Institutions in](#)

#### [Togo](#)

*Komlan Edem Agboklou (Akdeniz University, Turkey)*

*Burhan Özkan (Akdeniz University, Turkey)*

Moderatör: **İhsan Erdem Kayral** (Konya Food and Agriculture University, Turkey)

## S3A REGIONAL AGRICULTURE

Aug 14 / 14 Ağustos

15:15-16:30

[Zoom Room A \(click to connect\)](#)

#### [Sirince 5.0](#)

*Mehmet Kuzu (FAO, Turkey)*

### [The Profit Analysis of Greenhouse Vegetable Production and Its Effects on Production Plan in Antalya](#)

*Huseyin Cagatay Cetinkaya (Akdeniz University, Turkey)*

*Burhan Ozkan (Akdeniz University, Turkey)*

### [Spectral Causalities between BIST Food&Beverage Index and US Dollar](#)

*İhsan Erdem Kayral (Konya Food and Agriculture University, Turkey)*

### [From food crisis to food sovereignty in Egypt. An analysis in terms of food regimes](#)

*Donia Dowidar (Center of Research in Economics of Grenoble / Grenoble Alpes University, France)*

Moderatör: **Haluk Gedikoğlu** (Konya Food and Agriculture University, Turkey)

## S1C CLOSING

Aug 14 / 14 Ağustos

16.30–16:45

[Zoom Room A \(click to connect\)](#)

*Cumhur Çökmüş (Rector, Konya Food and Agriculture University, Turkey)*

*Süleyman Değirmen (Dean, Konya Food and Agriculture University, Turkey)*

*Yılmaz Kılıçaslan (Anadolu University, Turkey)*