



INTERNATIONAL  
FOREST PRODUCTS  
CONGRESS



**ONLINE PROGRAM**

**ORENKO  
2020** | **INTERNATIONAL  
FOREST PRODUCTS  
CONGRESS**

**SEPTEMBER  
23-26, 2020**



**Karadeniz Technical University  
Trabzon, TURKEY**



[www.ktu.edu.tr/orenko2020](http://www.ktu.edu.tr/orenko2020)

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@orenko2020



**INTERNATIONAL  
FOREST PRODUCTS  
CONGRESS**



## ORENKO 2020 – ONLINE PROGRAM



**ZOOM MEETING ID: 433 385 4923, MEETING PASSWORD: orenko2020**

**(Please look at the information at the end of the congress program (page 14) on how to use the zoom cloud meeting tool.)**

### DAY 1 - WEDNESDAY, 23 SEPTEMBER 2020

13:15 - 13:30*	Opening Talks
13:30 - 16:30	Industry/Private Sector Session (in Turkish)
16:30 - 16:45	Break
16:45 - 17:15	Poster Session
17:15 - 17:30	Break
17:30 - 18:30	Keynote Speech (Prof. Dr. Callum HILL)
18:30 - 19:30	Keynote Speech (Dr. Jakub SANDAK)

\* Local time in Istanbul (GMT+3)

### DAY 2 - THURSDAY, 24 SEPTEMBER 2020

10:00 - 12:00*	Industry/Private Sector Session (in Turkish)
12:00 - 14:00	Break
14:00 - 16:30	Industry/Private Sector Session (in Turkish)
16:30 - 17:00	Break
17:00 - 18:50	Scientific Session
18:50 - 19:00	Break
19:00 - 20:00	Keynote Speech (P.Eng. M.A.Sc. Erol KARACABEYLI)
20:00 - 21:00	Keynote Speech (Prof. Dr. Ario CECCOTTI)

\* Local time in Istanbul (GMT+3)

### DAY 3 - FRIDAY, 25 SEPTEMBER 2020

10:00 - 12:00*	Scientific Session
12:00 - 14:00	Break
14:00 - 16:10	Scientific Session
16:10 - 16:30	Break
16:30 - 18:30	Scientific Session
18:30	Closing Talks

\* Local time in Istanbul (GMT+3)



**DAY 1 - WEDNESDAY, 23 SEPTEMBER 2020**



**ZOOM MEETING ID: 433 385 4923, MEETING PASSWORD: orenko2020**

**OPENING**

13:15 - 13:30\* Opening Talks

\* Local time in Istanbul (GMT+3)

**INDUSTRY / PRIVATE SECTOR SESSION (IN TURKISH)**

**CHAIR: PROF. DR. GÜRSEL ÇOLAKOĞLU**

13:30 - 16:30\* COVID-19 PANDEMİ DÖNEMİNDE ORMAN ÜRÜNLERİ SEKTÖRÜNÜN STRATEJİ VE PLANLAMALARI (FOREST PRODUCTS SECTOR STRATEGY AND PLANNING DURING THE COVID-19 PANDEMIC PERIOD)  
**Hüseyin YILDIZ**, Starwood Orman Ürünleri A.Ş.  
**Yusuf İLERİ**, Kastamonu Entegre Ağaç Sanayii A.Ş.  
**Tuncer ÜSTÜNDAĞ**, Vezirköprü Orman Ürünleri ve Kağıt San. A.Ş.  
**Oğuzhan ÖZTÜRK**, ÇAMSAN-Ordu A.Ş.  
**Alper Kemal DOĞAN**, GENTAŞ A.Ş.

16:30 - 16:45 Break

\* Local time in Istanbul (GMT+3)

**POSTER SESSION**

16:45 - 17:15\* PSEUDOTSUGA BARK SUBERIN LIQUEFACTION IN POLYALCOHOLS  
*Idalina Domingos, José Ferreira, Luísa Cruz-Lopes and Bruno Esteves*  
LAND USE EVOLUTION OF MARITIME PINE IN THE CONTEXT OF LIFE CYCLE ASSESSMENT: A PORTUGUESE CASE STUDY  
*José Ferreira, Bruno Esteves, Luísa Cruz-Lopes and Idalina Domingos*  
BIOCELLULOSIC MATERIAL IN PEELS OF IPOMOEA POTATO AND MONALISA POTATO  
*Luísa Cruz-Lopes, Idalina Domingos, José Ferreira, Anabela Fragata and Bruno Esteves*  
LAND USE EVOLUTION OF *EUCALYPTUS GLOBULUS* IN THE CONTEXT OF LIFE CYCLE ASSESSMENT: A PORTUGUESE CASE STUDY  
*José Ferreira, Bruno Esteves, Luísa Cruz-Lopes and Idalina Domingos*

17:15 - 17:30 Break

\* Local time in Istanbul (GMT+3)



**KEYNOTE SPEAKER SESSION**

17:30 - 18:30*	THE ENVIRONMENTAL CREDENTIALS OF WOOD AS A CONSTRUCTION MATERIAL <b>Callum HILL</b>
18:30 - 19:30	"HOW LONG WILL THIS WOOD PRODUCT LAST?" - SERVICE LIFE EXPECTANCE AND ITS DETERMINATION METHODS <b>Jakub SANDAK</b>

\* Local time in Istanbul (GMT+3)



**DAY 2 - THURSDAY, 24 SEPTEMBER 2020**

**zoom** ZOOM MEETING ID: **433 385 4923**, MEETING PASSWORD: **orenko2020**

**INDUSTRY / PRIVATE SECTOR SESSIONS (IN TURKISH)**

**CHAIR: PROF. DR. SELMAN KARAYILMAZLAR**

10:00 - 12:00*	COVID-19 PANDEMİ DÖNEMİNDE ORMAN ÜRÜNLERİ SEKTÖRÜNÜN STRATEJİ VE PLANLAMALARI (FOREST PRODUCTS SECTOR STRATEGY AND PLANNING DURING THE COVID-19 PANDEMIC PERIOD) <b>Celalettin AKÇA</b> , UAB-Ulusal Ahşap Birliği, TORİD- Türkiye Orman Ürünleri Sanayicileri ve İş Adamları Derneği <b>Arif Onur KAÇAK</b> , AİMSAD- Ağaç İşleme Makine ve Yan Sanayisi İş Adamları Derneği <b>Mehmet Akif ASMAZ</b> , Asmaz Ahşap A.Ş. <b>Nesip UZUN</b> , Mobilya Dekorasyon Dergisi
12:00 - 14:00	Break

\* Local time in İstanbul (GMT+3)

**INDUSTRY / PRIVATE SECTOR SESSIONS (IN TURKISH)**

**CHAIR: PROF. DR. ÜMİT CAFER YILDIZ**

14:00 - 16:30*	COVID-19 PANDEMİ DÖNEMİNDE ORMAN ÜRÜNLERİ SEKTÖRÜNÜN STRATEJİ VE PLANLAMALARI (FOREST PRODUCTS SECTOR STRATEGY AND PLANNING DURING THE COVID-19 PANDEMIC PERIOD) <b>İsa DOĞANLI</b> , Çukurova Kağıt ve Ambalaj Grubu <b>Ali ESEN</b> , Essel Selüloz ve Kağıt San. A.Ş. <b>İbrahim SANLI</b> , USK Kimya A.Ş. <b>Mete AKTER</b> , Aquacool-Dual Boya Vernik San. Tic. Ltd. Şti. <b>Ahmet Ozan ÇEKİÇ</b> , Türkiye Ormancılar Derneği
16:30 - 17:00	Break

\* Local time in İstanbul (GMT+3)



**SCIENTIFIC SESSION**

**CHAIR: ASSOC. PROF. DR. VLADISLAV D. ZDRAVKOVIC**

17:00 - 17:10*	INFLUENCE OF THERMAL MODIFICATION OF ASH WOOD ( <i>Fraxinus excelsior</i> L.) AND MACHINING PARAMETERS IN CNC FACE MILLING ON SURFACE ROUGHNESS USING RESPONSE SURFACE METHODOLOGY (RSM) <b>Vladislav ZDRAVKOVIĆ, Tanja PALIJA, Zoran KARADOLAMOVIĆ</b>
17:10 - 17:20	SOME TECHNOLOGICAL PROPERTIES OF PARTICLEBOARD MANUFACTURED FROM PRETREATED SCOTS PINE PARTICLES <b>Mehmet BAHAROĞLU</b>
17:20 - 17:30	GAS EMISSIONS FROM THE COMBUSTION OF THE PARTICLE BOARDS PRODUCED WITH PEANUT HUSK ADDITIVE <b>Ersin ERCAN, Metin GÜRÜ, Musa ATAR</b>
17:30 - 17:40	EFFECT OF NANOCELLULOSE AND BORAX ON FORMALDEHYDE EMISSION OF PLYWOOD PANELS <b>Mert YILDIRIM, Zeki CANDAN</b>
17:40 - 17:50	MECHANICAL PERFORMANCE OF WOOD COMPOSITES BY LIGNIN REINFORCED UREA FORMALDEHYDE ADHESIVE <b>Zeki CANDAN, Mert YILDIRIM, Burak AKSOY, Turker DUNDAR</b>
17:50 - 18:00	DETERMINATION OF FORMALDEHYDE/UREA MOLE RATIO EFFECTS ON SOME PROPERTIES OF PARTICLEBOARD MANUFACTURED WITH MIXTURE OF MELAMINE IMPREGNATED PAPER WASTES (MIPW) AND NEAT UREA-FORMALDEHYDE RESIN <b>İbrahim Halil BAŞBOĞA, Özcan YÜCE, Fatih MENGELOĞLU</b>
18:00 - 18:10	UTILIZATION OF UREA POWDERS WITH DIFFERENT SIZES AS A FORMALDEHYDE EMISSION SCAVENGER IN THE PARTICLEBOARD MANUFACTURING <b>Özcan YÜCE, İbrahim Halil BAŞBOĞA, İlkyay ATAR, Kadir KARAKUŞ, Fatih MENGELOĞLU</b>
18:10 - 18:20	EVALUATION FOR THE USAGE OF PLANER SHAVINGS OF SOME FRUIT TREES AS ADDITIVE MATERIALS FOR FIBERBOARD PRODUCTION <b>Derya USTAÖMER, Elif TOPALOĞLU</b>
18:20 - 18:30	THE EFFECTS OF POLYSTYRENE SPECIES AND FIBER DIRECTION ON THERMAL CONDUCTIVITY OF PLYWOOD <b>Hasan OZTURK, Duygu YUCESoy, Abdullah Ugur BIRINCI, Cenk DEMIRKIR</b>

\* Local time in Istanbul (GMT+3)



18:30 - 18:40*	MECHANICAL PROPERTIES OF MYCELIUM BASED MDF <i>Engin Derya GEZER, Esat GUMUSKAYA, Ezel UÇAR, Derya USTAÖMER</i>
18:40 - 18:50	EFFECT OF PRE-TREATMENTS ON WEAR INDEX OF VARNISHED WOOD PLASTIC COMPOSITES (WPC) WITH PIGMENTED <i>Turgay ÖZDEMİR, Engin Derya GEZER, Fatih MENGELOĞLU</i>
18:50 - 19:00	Break

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#### KEYNOTE SPEAKER SESSION

19:00 - 20:00*	RENAISSANCE IN WOOD CONSTRUCTION IS UNDERWAY <i>Erol KARACABEYLI</i>
20:00 - 21:00	SEISMIC SAFETY OF WOOD CONSTRUCTIONS - FROM PAST TO FUTURE – <i>Ario CECCOTTI</i>

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**DAY 3 - FRIDAY, 25 SEPTEMBER 2020**

**zoom** ZOOM MEETING ID: **433 385 4923**, MEETING PASSWORD: **orenko2020**

**SCIENTIFIC SESSION**

**CHAIR: PROF. DR. ILKER USTA**

10:00 - 10:10*	WOODLOVERNESS AS A PATHWAY TO CIVILIZATION CONNECTED WITH NATURE <b>Ilker USTA</b>
10:10 - 10:20	THE PROBLEMS OF FURNITURE SECTOR AND SUGGESTIONS FOR SOLUTIONS (A CASE STUDY OF VAN) <b>Göksel ULAY</b>
10:20 - 10:30	WOOD AND WOOD DERIVATIVES IN URBAN FURNITURE USED IN LANDSCAPE DESIGN PROJECTS <b>Göksel ULAY, Okan YELER</b>
10:30 - 10:40	PRODUCTION OF <i>PLEUROTUS OSTREATUS</i> , <i>PLEUROTUS CITRINOPILEATUS</i> AND <i>PLEUROTUS DJAMOR</i> IN DIFFERENT CONTENTS AND SOME PHYSICAL ANALYSIS <b>Ceyhan KILIÇ</b>
10:40 - 10:50	AN ASSESSMENT OF CARBON FOOTPRINT IN MDF MANUFACTURING: A CASE STUDY OF WOOD BASED PANEL PRODUCTION IN TURKEY <b>Mehtap ERDİL, Nural YILGOR</b>
10:50 - 10:00	METAL AND RADIONUCLIDE ACCUMULATION IN SOME CULTIVATED MUSHROOM SPECIES <b>Sibel YILDIZ, Ayşenur GÜRGEN, Uğur ÇEVİK, Ahmet ÇELİK, Hasan Hüseyin DOĞAN</b>
11:00 - 11:10	EVALUATION PRODUCT DEVELOPMENT, PRODUCT DESIGN FOR THE FURNITURE-WOOD INDUSTRY VIA QUALITY FUNCTION DEPLOYMENT AND PARETO ANALYSIS <b>Ayşenur ERDİL</b>
11:10 - 11:20	DEVELOPING FURNITURE DESIGNS INSPIRED BY THE BADGE IN THE CANKIRI DARUSSIFAS <b>Oğuzhan UZUN, Müzeyyen AKSÖZ ŞEN, Mehmet SARIKAHYA</b>
11:20 - 11:30	DETERMINING THE CHARACTERISTICS REQUESTED IN KITCHEN FURNITURE SELECTION <b>Oğuzhan UZUN, Mehmet SARIKAHYA</b>

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## ORENKO 2020

International Forest Products Congress  
September 23-26, 2020 - TURKEY



11:30 - 11:40*	Determination of Damage and Defects in Historical Wooden Structures Using Nondestructive Test Devices <i>Engin Derya GEZER, Busra AYDOGAN-SELÇUK</i>
11:40 - 11:50	Emissions from Drying in the Wood-Based Board Industry <i>Uğur BILGIN, Gürsel COLAKOĞLU, Semra COLAK</i>
11:50 - 12:00	INCREASING THE OUTDOOR DURABILITY OF UREA FORMALDEHYDE PARTICLEBOARDS WITH NEW GENERATION WATER-BORNE ACRYLIC COATINGS <i>Özlem ÖZGENÇ, Gökay NEMLI</i>
12:00 - 14:00	Break

\* Local time in Istanbul (GMT+3)

### SCIENTIFIC SESSION

#### CHAIR: PROF. DR. FATİH MENGELOĞLU

14:00 - 14:10*	TECHNOLOGICAL PROPERTIES OF MDF PRODUCED WITH UREA-FORMALDEHYDE RESIN CONTAINING PLUW-SCREW WATER OF DIGESTER IN MDF PLANT <i>Samet GÜRİSOY, Nadir AYRILMIS</i>
14:10 - 14:20	ALTERNATIVE SOLUTIONS FOR DECREASING FORMALDEHYDE EMISSION FROM WOOD-BASED PANELS <i>Samet GÜRİSOY, Nadir AYRILMIS</i>
14:20 - 14:30	DECAY RESISTANCE OF WEATHERED BEECH WOOD <i>Şebnem Sevil ARPACI, Eylem DİZMAN TOMAK</i>
14:30 - 14:40	WATER ABSORPTION, DIMENSIONAL STABILITY AND DECAY RESISTANCE OF TREATED WOOD BY SILICA BASED SOLUTIONS <i>Eylem DİZMAN TOMAK, Ebru D. ŞAM PARMAK, Şebnem Sevil ARPACI</i>
14:40 - 14:50	THE EFFECTS OF WOOD SPECIES, NAIL SIZE, GRAIN DIRECTION AND LAYER NUMBERS ON LATERAL NAIL STRENGTH OF STRUCTURAL PLYWOOD PANELS <i>Aydın DEMİR, Cenk DEMİRKİR, İsmail AYDIN</i>
14:50 - 15:00	MECHANICAL PROPERTIES OF WOOD MEMBERS IN SANTA MARIA CHURCH <i>Engin Derya GEZER, Cenk DEMİRKİR, Turgay ÖZDEMİR</i>

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## ORENKO 2020

International Forest Products Congress  
September 23-26, 2020 - TURKEY



15:00 - 15:10*	A STUDY ON THE EFFECT OF STARCH TEMPERATURE CHANGES ON PACKAGING PAPER PRODUCTION IN SIZE PRESS MACHINE <b>Tamer SÖZBİR, C. Hakan OBA, Ahmet TUTUŞ, Mustafa ÇIÇEKLER</b>
15:10 - 15:20	INVESTIGATION OF HIGH STRENGTH COREBOARD PRODUCTION POSSIBILITIES <b>Tamer SÖZBİR, Sadık GÜLTEKİN, Hüseyin SAYGAZ, Cihangir Hakan OBA, Muhammed Mustafa DUYMAZ</b>
15:20 - 15:30	THE EFFECT OF LEACHING CONDUCTED IN NATURAL AND LABORATORY CONDITIONS ON SOME PHYSICAL AND MECHANICAL PROPERTIES OF ANATOLIAN CHESTNUT ( <i>Castanea sativa</i> Mill.) WOOD <b>Ümit C. YILDIZ, Ömer KERİMOĞLU</b>
15:30 - 15:40	CHEMICAL CHANGES IN HISTORICAL WOODEN STRUCTURES IN RIZE-FIRTINA VALLEY <b>Engin Derya GEZER, Busra AYDOĞAN-SELÇUK</b>
15:40 - 15:50	STRUCTURAL PERFORMANCE ANALYSIS OF CROSS LAMINATED TIMBER (CLT) PRODUCED FROM PINE AND SPRUCE GROWN IN TURKEY <b>Abdullah Ugur BIRINCI, Hasan OZTURK, Cenk DEMIRKIR, Gürsel COLAKOGLU</b>
15:50 - 16:00	EFFECTS OF SANDING AND VARIOUS SURFACE SMOOTHING PROCESSES ON SURFACE ROUGHNESS AND VARNISH ADHESION OF BEECH, OAK AND PINE MASSIVE PARQUETS <b>Ismail AYDIN, Aydın DEMİR, Turgay OZDEMİR</b>
16:00 - 16:10	CELLULOSIC SUPERABSORBENT PRODUCTION WITH CITRIC ACID CROSS-LINKING METHOD <b>Asena Damla BÜYÜKÜSTÜN, Emir ERİŞİR, Esat GÜMÜŞKAYA</b>
16:10 - 16:30	Break

\* Local time in Istanbul (GMT+3)



**SCIENTIFIC SESSION**

**CHAIR: PROF. DR. K. HÜSEYİN KOÇ**

16:30 - 16:40*	ANALYSIS OF FOREST INDUSTRY SECTOR IN SOUTH SUDAN AND TURKEY <i>Santo Amude Simon BATALI, K. Hüseyin KOÇ</i>
16:40 - 16:50	POTENTIAL USAGE AREAS OF IIOT IN FOREST PRODUCTS INDUSTRY <i>Sabit TUNÇEL, Zeki CANDAN, Melisa LAÇI</i>
16:50 - 17:00	ECONOMIC ANALYSIS OF TOY INDUSTRY TODAY AND THE IMPORTANCE WOODEN TOY IN TURKEY AND ITS COMMERCIAL VOLUME ECONOMY <i>Hikmet YAZICI</i>
17:00 - 17:10	MULTICRITERIA EVALUATION OF STRUCTURAL COMPOSITE LUMBER PRODUCTS <i>Hilal SINGER, Şükrü ÖZŞAHİN</i>
17:10 - 17:20	LOCATION SELECTION FOR THE FURNITURE INDUSTRY BY USING A GOAL PROGRAMMING MODEL <i>Hilal SINGER, Şükrü ÖZŞAHİN</i>
17:20 - 17:30	SITUATION OF FOREST CARBON PROJECTS IN CARBON MARKETS <i>Devlet TOKSOY, Çiğdem ÖZTEKİN, Mahmut M. BAYRAMOĞLU</i>
17:30 - 17:40	A STUDY ON THE BIOMASS ENERGY POTENTIAL OF TURKEY: EXAMPLE OF WOOD PELLETS <i>Devlet TOKSOY, Semra COLAK, Mahmut M. BAYRAMOĞLU</i>
17:40 - 17:50	BRICS COUNTRIES AND TURKEY'S COMPETITION COMPARATIVE ANALYSIS OF THE FURNITURE INDUSTRY SECTOR <i>Kadri Cemil AKYÜZ, İlker AKYÜZ</i>
17:50 - 18:00	PAPER AND PAPER PRODUCTS AND WOOD AND WOOD PRODUCTS SECTORS COMPETITION ANALYSIS: BRICS COUNTRIES AND TURKEY <i>Kadri Cemil AKYÜZ, İlker AKYÜZ</i>
18:00 - 18:10	PREDICTION OF RETENTION LEVEL AND MECHANICAL STRENGTH OF PLYWOOD TREATED WITH FIRE RETARDANT CHEMICALS BY ARTIFICIAL NEURAL NETWORKS <i>Sukru OZSAHİN, Aydın DEMİR, İsmail AYDIN</i>

\* Local time in Istanbul (GMT+3)



18:10 - 18:20*	INVESTIGATION OF THE EFFECT OF BUILDING MATERIAL SELECTION AND DESIGN STYLE ON KILN THERMAL PROPERTIES IN SOLAR KILNS <i>Kemal ÜÇÜNCÜ, Aytaç AYDIN</i>
18:20 - 18:30	A SCALE DEVELOPMENT STUDY TO EXAMINE THE APPLICATION OF TOTAL QUALITY MANAGEMENT <i>Aytaç AYDIN, Kemal ÜÇÜNCÜ</i>

\* Local time in Istanbul (GMT+3)

## CLOSING

18:30*	Closing Talks
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\* Local time in Istanbul (GMT+3)



## ZOOM VIDEO CONFERENCING TOOL





Zoom is a cloud-based video conferencing service you can use to virtually meet with others - either by video or audio-only or both, all while conducting live chats. Zoom helps businesses and organizations bring their teams together in a frictionless environment to get more done. Its easy platform for video, voice, content sharing, and chat runs across mobile devices, desktops, telephones, and room systems.

Zoom Meetings for desktop and mobile provides the tools to make every meeting a great one.

Focus on your meeting - share and play videos with full audio and video transmit without uploading your content.

### ZOOM APPS DOWNLOAD

The desktop app is available for Windows and macOS, while the mobile app is available for Android and iOS.

	Windows	<a href="https://zoom.us/download">Download Zoom Client for Meeting</a> (for Windows or MAC OS) ( <a href="https://zoom.us/download">https://zoom.us/download</a> )
	Mac OS	
	iOS	<a href="https://itunes.apple.com/us/app/id546505307">Download Zoom Mobile App for iPhone</a> ( <a href="https://itunes.apple.com/us/app/id546505307">https://itunes.apple.com/us/app/id546505307</a> )
	Android	<a href="https://play.google.com/store/apps/details?id=us.zoom.videomeetings">Download Zoom Mobile App for Android</a> ( <a href="https://play.google.com/store/apps/details?id=us.zoom.videomeetings">https://play.google.com/store/apps/details?id=us.zoom.videomeetings</a> )

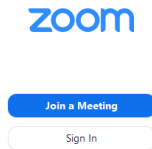
### JOINING THE MEETING

Before joining a Zoom meeting on a computer or mobile device, you can download the Zoom app from [Zoom Download Center](https://zoom.us/download) (<https://zoom.us/download>). Otherwise, you will be prompted to download and install Zoom when you click a join link.

1. Open the Zoom desktop client.
2. Join a meeting using one of these methods:



Click *Join a Meeting* if you want to join without signing in.



Sign in to Zoom then click Join.



**3.** Enter the meeting ID number and your display name.

If you're signed in, change your name if you don't want your default name to appear.

If you're not signed in, enter a display name.

***When you join the meeting, your name you write here will appear in the participants list.***

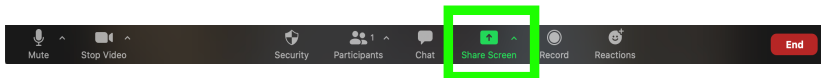
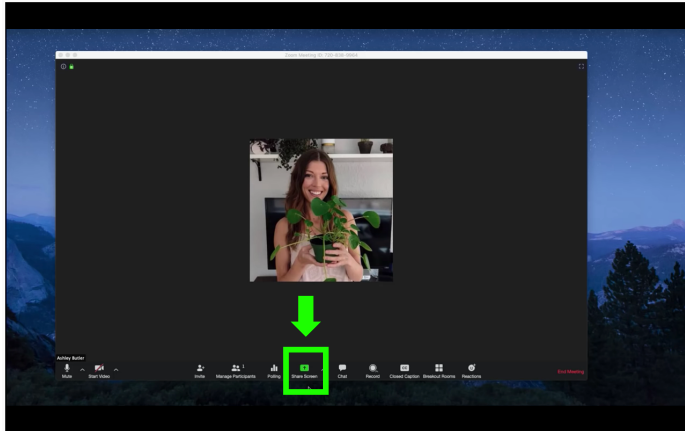
**4.** Select if you would like to connect audio and/or video and click Join.

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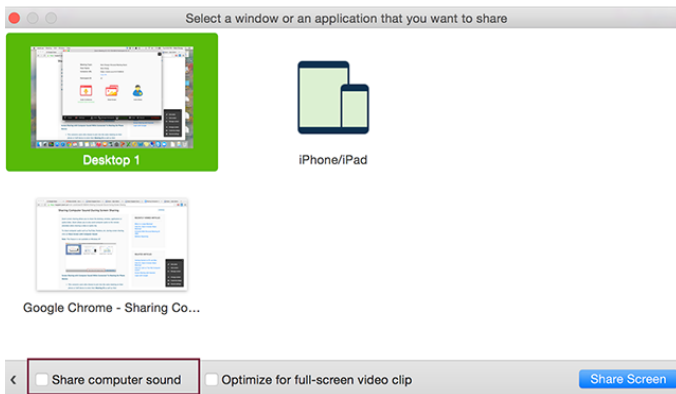
Zoom screen sharing allows you to share the desktop, window, application or audio/video. Zoom allows you to also send computer audio to the remote attendees when sharing a video or audio clip.

Click the *Share Screen* button located in your meeting controls. Select one of these screen share options: **Share your entire desktop**, specific application window, or whiteboard.

If you select **“share your entire desktop”** or “Desktop 1” on upper left corner in sharing window, everything on your computer screen is shared. In this way, apart from your presentation file, you can use a video, picture, document etc. that you want to share can also be shared without any action.



If you want to share your screen with audio, such as YouTube, Pandora, etc. during screen sharing, click on Share Computer Sound.



### SCREEN SHARING WITH COMPUTER SOUND WHILE CONNECTED TO MEETING AUDIO VIA PHONE

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If this user checks Share Computer Sound on their computer, this will trigger the audio to channel through both their phone device as well their computer audio.

To stop sending audio, simply click Stop Share at the top of your meeting screen or mute the speaker of your phone or the speaker of your PC or MAC.



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1. Open your presentation in PowerPoint if you have not done so already.
2. In the meeting controls, click the *Share Screen* button.
3. In the sharing window that opens, click Microsoft PowerPoint to select it (or you can easily select "*Desktop 1*" on upper left corner in sharing window)
4. If your presentation includes narration, sound, or video:  
Check the *Share computer sound* box.  
If your computer prompts you to install the Zoom audio device, do so.
5. Click the *Share* button.
6. In PowerPoint:  
Switch to Slide Show mode.  
Give your presentation.
7. When done, click Zoom's *Stop Share* button.



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<https://support.zoom.us/hc/en-us/articles/201362153-Sharing-your-screen>

Please watch the video on how to share the screen for your presentation in zoom.



<https://youtu.be/YA6SGQIVmcA>

Please watch the video on how to install zoom and join the meeting in zoom (IN TURKISH)



<https://www.youtube.com/watch?v=p5HoRjrfN4o>



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