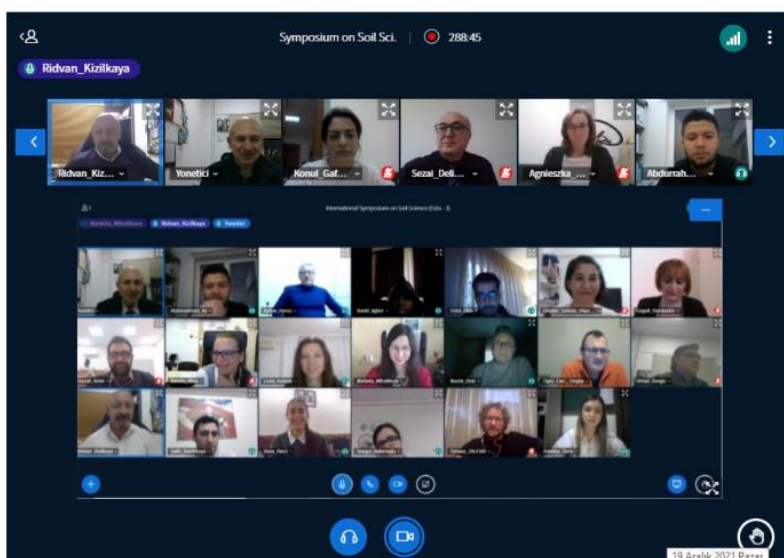




# 2021

## INTERNATIONAL SOIL SCIENCE SYMPOSIUM on SOIL SCIENCE & PLANT NUTRITION (6<sup>th</sup> International Scientific Meeting)

18 – 19 December 2021 / Samsun, Turkey



**Organized by**

Federation of Eurasian Soil Science Societies

Erasmus Mundus Joint Master Degree in Soil Science (emiSS) Programme



With the support of the  
Erasmus+ Programme  
of the European Union

PHOTOS

# OPENING & WELCOMING SPEECH

International Symposium on Soil Science | 15:30

Konul\_Gafarbayli

MESSAJLAR

Genel Sohbet

KULLANICILAR (47)

Lali\_Jgenti

Lesia\_Karpuk

Maia\_Azab

Marketa\_Mihal...

Micha\_GSIORREK

Muhittin\_Onur...

Nabeela\_Maq...

Nazeir\_Elnaker

Nazli\_Dide\_K...

Nazmi\_Oruc

Orhan\_Dengiz

Pelin\_Alabez

Razia\_Sultana...

Garib Mammadov

Coskun Gulser

Ayten Namli

Ridvan Kizilkaya

International Symposium on "Soil Science and Plant Nutrition"

Federation of Eurasian Soil Science Societies Cooperation with Erasmus Mundus Joint Master Degree in Soil Science (emiSS) Programme

18-19 December 2021 / Samsun, Turkey

With the support of the Erasmus + Programme of the European Union

**WELCOME TO  
INTERNATIONAL SYMPOSIUM ON  
SOIL SCIENCE & PLANT NUTRITION**

Prof.Dr.Garib MAMMADOV

President, Federation of Eurasian Soil Science Societies

International Symposium on Soil Science | 06:02

Ayten\_Namli Konul\_Gafarbayli Nabeela\_Maqbool

MESSAJLAR

Genel Sohbet

KULLANICILAR (43)

Salih\_De... (Sen)

Yonetic

Abdurrahman...

Agnieszka\_J...

Almaz\_Cansu

Ayten\_Namli

Belkis\_Karapi...

Christian\_Dav...

Devidas\_Mikta

Endalkachew...

Fevziye\_Suhe...

Garib\_MAMMA...

Guguli\_Dumb...

Ayten Namli

Garib Mammadov

Ridvan Kizilkaya

Coskun Gulser

Soil Science Society of Turkey

International Symposium on "Soil Science and Plant Nutrition"

Federation of Eurasian Soil Science Societies Cooperation with Erasmus Mundus Joint Master Degree in Soil Science (emiSS) Programme

18-19 December 2021 / Samsun, Turkey

With the support of the Erasmus + Programme of the European Union

**Prof. Dr. Ayten NAMLI**  
Soil Science Society of Turkey, President

<http://www.toprak.org.tr/en/>  
[info@toprak.org.tr](mailto:info@toprak.org.tr)

Prof.Dr. Ayten NAMLI

President, Soil Science Society of Turkey

# OPENING & WELCOMING SPEECH

MESAJLAR  
Genel Sohbet 2

KULLANICILAR (47)

Salih\_De... (Sen)  
Yonetic  
Abdurrahman...  
Agnieszka\_J...  
Almaz\_Cansu  
Ayten\_Namli  
Belkis\_Karapi...  
Christian\_Dav...  
Devidas\_Mikta  
Endalkachew...  
Fevziye\_Suhe...  
Fikret\_Saygin  
Guguli\_Dumb...

International Symposium on Soil Science 19:20

Rıdvan\_Kizilkaya İmanverdi\_Ekberli

Rıdvan Kizilkaya Coşkun Gülser  
Ayten Namli Garib Mammadov

After Eurasian Soil Workshop 2013  
"The biophysical attributes of soil quality"  
27-31 May, 2013  
Samsun, Turkey  
Ondokuz Mayıs University  
Faculty of Agriculture  
Department of Soil Science & Plant Nutrition  
55139 Samsun, Turkey

Prof.Dr. Rıdvan KIZILKAYA  
Chair, Organizing Committee

MESAJLAR  
Genel Sohbet 2

KULLANICILAR (48)

Salih\_De... (Sen)  
Yonetic  
Abdurrahman...  
Agnieszka\_J...  
Almaz\_Cansu  
Ayten\_Namli  
Belkis\_Karapi...  
Christian\_Dav...  
Devidas\_Mikta  
Endalkachew...  
Fevziye\_Suhe...  
Fikret\_Saygin  
Guguli\_Dumb...

International Symposium on Soil Science 22:41

İmanverdi\_Ekberli Yonetic

Coşkun Gülser Rıdvan Kizilkaya  
Garib Mammadov Ayten Namli

emiSS Master  
With the support of the Erasmus+ Programme of the European Union

About emiSS Programme

ERASMUS+ Mundus Joint Master Degree in Soil Science (emiSS) is organized by a consortium of the five Universities:

Ondokuz Mayıs University (OMU-Turkey),  
University of Agriculture in Krakow (UAK-Poland),  
Agricultural University Plovdiv (AU - Bulgaria),  
Southern Federal University (SFedU - Russia),  
Jordan University of Science and Technology (JUST- Jordan)

Logo of Agricultural University Plovdiv (AU - Bulgaria)

Prof.Dr. Coşkun GÜLSER  
Coordinator, emiSS Programme



# PRESENTATIONS

Çalışma odası için kalan zaman: 148:59

International Symposium on Soil Science (Dda - 1)

Muhtittin Onur\_Akca Ayten Namli

KULLANICI (24)

Dorcas\_Olade  
Endalkachew\_Abebe...  
Fevziye\_Suheda\_Hep...  
Garib\_MAMMAZOV  
Gugulü\_Dumbadze  
Hadeer\_Elgendy  
Inanverdi\_Ekberli  
Kazuki\_Suzuki  
Laili\_Agenti  
Lethima\_Adane\_Tru...  
Mehmet\_Desat\_Sumer  
Micha\_GSOREK  
Muhtittin Onur\_Akca  
Nazmi\_Oruc  
Nursac\_Senda\_Kaya  
Rizda\_Sultana\_Shahy

International Symposium on "Soil Science and Plant Nutrition"  
18-19 December 2021 / Samsun, Turkey

Investigation of Agricultural Use Potential of Liquid Fermented Products from Biogas Plants

Ayten NAMLI<sup>1</sup>, Muhittin Onur AKCA<sup>1\*</sup>, Hanife AKCA<sup>1</sup>  
<sup>1</sup>Ankara University, Faculty of Agriculture, Department of Soil Science and Plant Nutrition, Ankara, Turkey

International Symposium on Soil Science (Dda - 2)

Orhan Dengez

KULLANICI (28)

Bilalvan\_Kizilkaya (Ser)  
Agneska\_AZEFOWSKA  
Almaz\_Cansu  
Axel\_Cem\_Gonzalez-moi  
Aykut\_CAGLAR  
Berkis\_Karapicak  
Carlos\_Mediano  
Delvidas\_Mikias  
Endalkachew\_Abebe\_Kebede  
Fikret\_Saygin  
Hadeer\_Elgendy  
Hazarat\_Amin  
Inanverdi\_Ekberli  
Ishtat\_Amar\_Srishty  
Jawarid\_Johar

International Soil Science Symposium on "SOIL SCIENCE & PLANT NUTRITION"  
18 – 19 December 2021 / Samsun, Turkey

Soil Quality Index Calculated Including the Evaluated Soil Ecological Units in Central Bohemia Region in the Czech Republic

Markéta MIHÁLIKOVÁ (presenting),  
Tereza VRANOVSKÁ, M. Tolga ESETLİ, Svatopluk MATULA, Yusuf KURUCU, Jaroslava JANKŮ

TZU Czech University of Life Sciences Prague

International Symposium on Soil Science (Dda - 1)

Bilalvan\_Kizilkaya Marketa\_Mihalikova Gugulü\_Dumbadze

emiSS Master

With the support of the Erasmus+ Programme of the European Union

PHYTO EXTRACTION OF NICKEL USING NICKEL HYPERACCUMULATOR IN SERPENTINE SOILS OF BULGARIA.

PRESENTED BY: SHREYA THAPALIYA  
COUNTRY: NEPAL  
ERASMUS MUNDUS MASTER IN SOIL SCIENCE  
MOBILITY:  
• ONDOKUZ MAYIS UNIVERSITY (TURKEY),  
• AGRICULTURAL UNIVERSITY OF PLOVDIV

Shreya\_Thapaliya

# PRESENTATIONS

International Symposium on Soil Science (Oda - I)

GLOBAL WARMING & NITROGEN

Nitrous oxide (N<sub>2</sub>O) is one of the major greenhouse gases and contributes significantly to global warming (Case et al., 2015; Tao et al., 2018; Shi et al., 2019).

Agricultural activities such as the widespread application of chemical fertilizers, especially those containing synthetic nitrogen (N) (Sun et al., 2016) are responsible for approximately 60-80% of anthropogenic N<sub>2</sub>O emissions (Wang et al., 2017; UNEP, 2019).

Nitrous oxide is a relatively small percentage of U.S. greenhouse gas emissions, but it packs a potent punch. N<sub>2</sub>O has about 300 times the warming power of carbon dioxide and it stays in the atmosphere about 114 years on average.

U.S. GREENHOUSE GAS EMISSIONS 2017

NOTE: Does not total 100% due to rounding

Symposium on Soil Sci. (Oda - I)

An analysis of the responses of different sub-basins with various soil profile in the central rift valley basin in Ethiopia to the impacts of climate change with their water balance, using the SWAT model.

Authors:- Lemma Adane Truneh, Svatopluk Matula, & Kamila B tkov 

Presented by:- Lemma Adane Truneh

Dec 19, 2021

Faculty of Agrobiology, Food and Natural Resources

CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

NATURAL HISTORY ZOOLOGICAL DEPT. OF NATURAL SCIENCES

Symposium on Soil Sci. (Oda - I)

Exploring the Potential of metal-organic frameworks (MOFs) decorated biochar for the remediation heavy-metal contaminated media

**Supervisors**  
Dr. Mahmoud Mazarji (SFEDU)  
Associate Prof. Dr. Svetlana Sushkova (SFEDU)  
Prof. Dr. Tatiana Minkina (SFEDU) et al.  
Prof. Dr. Coskun Gulser (OMU) et al.

**Presenter**  
Muhammad Tukur BAYERO  
Master Student (emiSS)  
Southern Federal University (SFEDU), Russia  
Ondokuz Mayıs University (OMU), Turkey



# PRESENTATIONS

MESAJLAR

Genel Sohbet

KULLANICILAR (22)

Fu Fuat\_Kaya

Gu Gugul\_Dumb...

Ma Marketa\_Mihal...

Ma Matthew\_Idu

Ma Micha\_CSIOREK

Na Nazli\_Dide\_K...

Nu Nutullah\_Ozd...

Pe Pelin\_Alabor

Ra Rabi\_Kabo\_A...

Re Recep\_Serdar...

Ri Ridvan\_Kizilka...

Symposium on Soil Sci. (Oda - 1)

Ridvan\_Kizilkaya Yonetici Fikret\_Saygin

Thanks For Your Attention...

MESSAGES

Public Chat

USERS (19)

Ab Abdurra... (You)

Ag Agnieszka\_J...

Al Alma\_Barajas

Ax Axel\_Cern\_G...

Ay Aykut\_CAGLAR

En Endalkachew...

Fe Fevziye\_Suhe...

Garib\_MAMM...

Ga Garib\_MAMM...

Ko Konut\_Gafarb...

La Laili\_Agenti

Symposium on Soil Sci. (Oda - 1)!

Oturumuna hos geldiniz.

yanki sorunu yasamak icin lutfen kulaklik ve mikrofon kullaniniz. goruntulerinizde donma varsa lutfen low (dusuk) kaliteyi seciniz

Send message to Public Chat

Symposium on Soil Sci. (Oda - 1)

Alma\_Barajas

Garib\_MAMM...

Konut\_Gafarb...

Ridvan\_Kizilka...

International Symposium on "Soil Science and Plant Nutrition"

Subtropical Mountainous soil diversity in southern Mexico

Alma BARAJAS<sup>1</sup>, Axel CERÓN-GONZÁLEZ<sup>2</sup>

<sup>1</sup>National Commission for Knowledge and Use of Biodiversity, Department of Soils; Mexico City, Mexico

<sup>2</sup>Ondokuz Mayıs University, Faculty of Agriculture, Department of Soil Science and Plant Nutrition, Samsun, Turkey

alma.barajas@ymich.mx

orcid.org/0000-0002-7150-4009

MESSAGES

Public Chat

USERS (40)

Ab Abdurra... (You)

Yo Yonetici

Ag Agnieszka\_J...

Al Alma\_Barajas

Al Almaz\_Cansu

Ax Axel\_Cern\_G...

Ay Ayhan\_Horuz

Da David\_Agbor

Da David\_Agbor

Do Dorcas\_Ojeade

Ferit\_Sonmez (offline) 11:52 AM geliyor hocam

Fusun\_Gulser (offline) 11:52 AM sagol Ferit Hocam

Symposium on Soil Sci.!

Oturumuna hos geldiniz.

yanki sorunu yasamak icin lutfen kulaklik ve mikrofon kullaniniz. goruntulerinizde donma varsa lutfen low (dusuk) kaliteyi seciniz

Send message to Public Chat

Symposium on Soil Sci. | 288:45

Ridvan\_Kizilkaya

Yonetici

Sezal\_Deli...

Agnieszka\_J...

Abdurrah...

19 Aralık 2021 Pazar

# PRESENTATIONS

International Symposium on Soil Science (Oda - 1)

Marketa\_Mihalikova, Ridvan\_Kizilkaya, Yonetici

Most of the N<sub>2</sub>O production in soil is due to micro- nitrification and denitrification processes (Firestone and Davidson, 1989; Butterbach-Bahl et al., 2013).

N<sub>2</sub>O emissions from agricultural soil are mostly driven by chemical N management practices (Mosier et al., 1998). Atmospheric N<sub>2</sub>O concentrations today are about 20% higher than pre-agro-industrial levels (Ciais et al., 2013).

Agriculture, particularly fertilized soil and animal waste, accounts for about three quarters of U.S. nitrous oxide emissions.

**U.S. NITROUS OXIDE EMISSIONS**  
By source, 2017

| Source  | Percentage |
|---|------------|
| Agricultural soil management                  | 74%        |
| Stationary combustion, primarily power plants | 8%         |
| Industry or chemical production               | 6%         |
| Manure management                             | 5%         |
| Transportation                                | 5%         |
| Other   | 2%         |

GLOBAL WARMING & NITROGEN

Symposium on Soil Sci. (Oda - 2)

Oguz\_Can\_Turpaz

International Symposium on "Soil Science and Plant Nutrition"  
Federation of European Soil Science Societies Cooperation with Erasmus Mundus Joint Master Degree in Soil Science (emISS) Programme  
18-19 December 2021 / Samsun, Turkey

With the support of the Erasmus + Programme of the European Union

**Combination of Fuzzy-AHP and Neutrosophic-Set and Their Applications for the Multiple-Criteria Decision Analyses**

Nursac Serda KAYA  
PhD Student

Prof. Dr. Orhan DENGİZ  
Advisor

Ondokuz Mayıs University/Soil Science and Plant Nutrition

Symposium on Soil Sci. (Oda - 1)

Rabiu\_Kabo\_ALHASSAN

Major Factors for the Declines

Factors of declining/degradation of meadows

Figure 1: Factors reported by various literatures ( Table 1)

Restoration and Protection Policies

- 27,000 sites
- Natura 2000
- Common Agricultural Policy
- CAP
- European Union
- Green Energy and Environment
- Green New Deal



# PRESENTATIONS



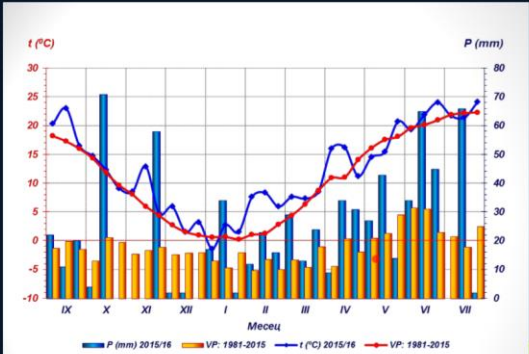
MESAJLAR  
Genel Sohbet

KULLANICILAR (14)

Sa... Salih\_De... (Sen)  
Ab... Abdurrahman...  
Fe... Ferit\_Sonmez  
Fu... Fusun\_Gulser  
Ha... Hazrat\_Amin  
Is... Ishrat\_E\_Anw...  
Ja... Jawaria...Johar  
Le... Lesia\_Karpuk  
Mu... Muhammad\_T...  
Pe... Pelin\_Alabez  
Ra... Ranko\_abilovski

Symposium on Soil Sci. (Oda - 2)

Ranko\_abilovski

Graph 1. Average air temperatures and precipitation in the production year 2015/16. - meteorological station Backa Palanka (P, precipitation; t, temperatures; VP, long term average 1981-2015).

MESAJLAR  
Genel Sohbet

KULLANICILAR (20)

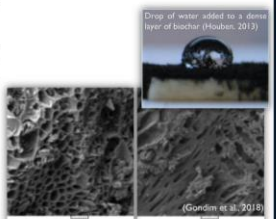
Recep\_Sendar\_Kara

Agriscan...  
Marketa\_M...  
Matthew\_Idu...  
Recep\_Sendar...  
Muhammad\_T...  
Micha\_GSIOREK  
Muhammad\_T...  
Nazli\_Dide\_K...  
Nutullah\_Ozd...  
Rabiu\_Kabo\_A...  
Recep\_Sendar...  
Ridvan\_Kizilka...  
Svatopluk\_Ma...

Symposium on Soil Sci. (Oda - 1)

Hypothesis  
Compost and biochar applications may influence relative permittivity, contrastingly

- In arable lands, the changes in dielectric properties of soils can be caused by the traditional compost application (Liu et al., 2013)
- Recently, the application of commercial or industrial biochar to the arable lands found itself a practical popularity.
  - Hydrophobicity
  - Inert characteristics when used without activation or aging process.



Drop of water added to a dense layer of biochar (Houben, 2013)

(Gondim et al., 2018)

MESAJLAR  
Genel Sohbet

KULLANICILAR (23)

Pelin\_Alabez

Agriscan...  
Marketa\_M...  
Pelin\_Alabez...  
Ridvan\_Kizil...  
Yonetici

Symposium on Soil Sci. (Oda - 1)

METHOD

- Moisture contents of 10kPa ( $\theta_{10kPa}$ ), 33 kPa ( $\theta_{33kPa}$ ) and 1500kPa ( $\theta_{1500kPa}$ ) matric suction were determined volumetrically with the help of ceramic plated pf set (U.S.A. Soil Moisture Equipment Corp.). Particle density was obtained by the pycnometer method (5). Soil moisture content was estimated by the equation developed by van Genuchten (1980). Equation parameters were obtained with the Splintex 2.0 algorithm.
- The Splintex 2.0 computer model<sup>(11,12)</sup> was applied to estimate the van Genuchten's (1980)-Mualem (VGM) parameters that describe both water retention (Eq. 1.) and unsaturated hydraulic conductivity functions (Eq. 2).

$$\theta = \frac{\theta - \theta_r}{\theta_s - \theta_r} = \left[ \frac{1}{1 + (ah)^n} \right]^m \quad \text{Eq. (1)}$$

$$K(\theta) = K_s \theta \lambda [1 - (1 - \theta/m)^m]^2 \quad \text{Eq. (2)}$$

in which  $\theta$  is the volumetric soil water content ( $m^3 m^{-3}$ ) as a function of the soil water pressure head ( $h$ ),  $\theta_r$  is the effective saturation,  $\theta_r$  and  $\theta_s$  are respectively the residual and saturated water content ( $m^3 m^{-3}$ ),  $K_s$  is a fitted-matching point at saturation (cm d<sup>-1</sup>),  $\alpha$  ( $m^{-1}$ ),  $\lambda$ ,  $n$  and  $m$  ( $m = 1+1/n$ ) are empirical curve shape parameters. The flow diagram of the Splintex 2.0 algorithm is given in Figure 1.



# PRESENTATIONS

MESAJLAR

Genel Sohbet

KULLANICILAR (22)

Orhan\_Dengiz

Pelin\_Alaboz

Ranko\_abilovski

Saima\_Sefero...

Sena\_Pacci

Songul\_Rakici...

Svetlana\_SUS...

Svetlana\_SUS...

Tatiana\_MINK...

Yonetic

Zuleyha\_Zorlu

Symposium on Soil Sci. (Oda - 2)

Svetlana\_SUSHKOVA

Fusun\_Gulser

Svetlana\_SUSHKOVA

## Analysis of heavy metal mobile forms

5

The diagram illustrates the process of analyzing heavy metal mobile forms in soil. It starts with a sample of soil, which undergoes extraction using either  $\text{CH}_3\text{COONH}_4$  or  $\text{EDTA}$ . The extracted solution is then filtered to produce a soil extract. This extract is analyzed using Flame AAS (Atomic Absorption Spectroscopy). The results are then calculated to determine the specific forms of heavy metals: Specifically adsorbed (in  $\text{HCl}$ ), Exchangeable (in  $\text{CH}_3\text{COONH}_4$ ), and Complex (1%  $\text{EDTA}$ ).

MESSAGES

Public Chat

USERS (40)

Abdurra... (You)

Yonetic

Agnieszka\_J...

Alma\_Barajas

Almaz\_Cansu

Axel\_Cern\_G...

Ayhan\_Horuz

David\_Agbor

David\_Agbor

Dorcas\_Ojeade

Public Chat

Ferit\_Sonmez (offline) 11:52 AM  
geliyor hocam

Fusun\_Gulser (offline) 11:52 AM  
sagol Ferit Hocam

Symposium on Soil Sci.!

Oturumuna hos geldiniz.

yanki sorunu yasamamak icin lutfen kulaklik ve mikrofon kullaniniz. goruntulerinizde donma varsa lutfen low (dusuk) kaliteyi seciniz

Send message to Public Chat

Symposium on Soil Sci. | 288:45

Ridvan\_Kizilkaya

Yonetic

Konul\_Gat...

Sezal\_Deli...

Agnieszka\_...

Abdurrah...

International Symposium on Soil Science (Oda - 0)

19 Aralık 2021 Pazar

MESSAGES

Public Chat

USERS (21)

Abdurra... (You)

Agnieszka\_J...

Almaz\_Cansu

Fevziye\_Suhe...

Fikret\_Saygin

Fuat\_Kaya

Guguli\_Dumb...

Lemima\_Adan...

Marketa\_Mih...

Matthew\_Idu

Public Chat

Symposium on Soil Sci. (Oda - 1)!

Oturumuna hos geldiniz.

yanki sorunu yasamamak icin lutfen kulaklik ve mikrofon kullaniniz. goruntulerinizde donma varsa lutfen low (dusuk) kaliteyi seciniz

Send message to Public Chat

Symposium on Soil Sci. (Oda - 1)

Agnieszka\_JZEFOW...

Matthew\_Idu

Agnieszka\_...

Matthew\_Idu

Pelin\_Alaboz

Ridvan\_Kizil...

Svetlana\_S...

Yonetic

## Effect of Organic Manures Application on Properties of a Coarse-textured Ultisol and Okra Productivity in Nsukka Southeastern Nigeria

The map shows the location of Nsukka in Southeastern Nigeria, with a green area indicating the study site.

# PRESENTATIONS

MESAJLAR

Genel Sohbet

KULLANICILAR (24)

Fi Fikret\_Saygin

Fu Fuat\_Kaya

Ha Hadeer\_Elgendy

Ha Hazrat\_Amin

Ja Jawaria\_Johar

Le Lesia\_Karpuk

Ma Mara\_Beln\_M...

Ma Marketa\_Mihal...

Md Md\_Mahfuzur...

Na Nazmi\_Oruc

Ra Rabi\_Kabo\_A...

International Symposium on Soil Science (Oda - 2)

Mara\_Beln\_Moya\_Meja

Lesia\_Karpuk

## BIOCHAR

BIOCHAR – an input for the CIRCULAR ECONOMY in the agriculture sector

Feedstock

BIOCHAR Properties and agronomic value

Pyrolysis Conditions

Agricultural uses

Growing media

Composting

Application in cropping field

Role played by BIOCHAR

- replace peat; improve seedlings growth
- Decrease GHG emissions; improve agronomic value of compost
- Improve soil properties; increase yield

Biochar is one organic material that is currently being exploited for its potential in the management of heavy metal polluted soils. Namgay et al. (1993) recorded a reduction in the availability of heavy metals when the polluted soil was amended with biochar; this in turn reduced plant absorption of the metals.

The ability of biochar to increase soil pH unlike most other organic amendments may have increased sorption of these metals, thus reducing their bioavailability for plant uptake.

MESAJLAR

Genel Sohbet

KULLANICILAR (21)

Yo Yoneticici (Sen)

Ab Abdurrahman...

Ay Aykut\_CAGLAR

Fu Fusun\_Gulser

Ha Hazrat\_Amin

Im Imanverdi\_Ek...

Ma maja.manojlo...

Mi Micha\_GSIOR...

Mu Mukkaram\_E...

Na Nazmi\_Oruc

Dear colleagues, I am Marina Burachevskaya logged in through Tatiana Minkina's account

**Symposium on Soil Sci. (Oda - 2)!**

Oturumuna hos geldiniz.

yanki sorunu yasamak icin lutfen kulaklik ve mikrofon kullaniniz. goruntulerinizde donma varsa lutfen low (dusuk) kaliteyi seciniz

Tatiana\_MINKINA (cevrimdigi) 12:57

Unfortunately there is no sound, I can't hear you

Yoneticici 13:19

The next speaker will be Marina Burachevskaya.

Yoneticici 13:27

please keep your microphones off when you are not presenting

Genel Sohbet kullanicısına mesaj gönder

Symposium on Soil Sci. (Oda - 2)

Nazmi\_Oruc

Fusun\_Gulser

Fusun\_Gulser

Imanverdi\_Ekberli

Nazmi\_Oruc

Svetlana\_SUSHK...

"The development of a country depends on the processing and evaluation of the under ground riches of the country" KATATURK

Beliving in this most valuable view of Atatürk and to evaluate our local other mineral resources accordingly, I do wish Eti Bakur Factory in Mazıdağı also will manufacture DCP in coming years.

THANK YOU

MESAJLAR

Genel Sohbet

KULLANICILAR (39)

Ra Rabi\_Kabo...

Re Recep\_Serdar...

Ri Ridvan\_Kizilk...

Sa Saime-Sefero...

Sa Salih\_Demirk...

Se Sena\_Pacci

Se Sezai\_Deliba...

Sv Svatopluk\_M...

Sv Svetlana\_SUS...

To Tomasz\_ZALE...

Saime\_Seferoglu 11:08

hi

Saime\_Seferoglu 11:09

No

Lesia\_Karpuk 11:09

No

**International Symposium on Soil Science (Oda - 2)!**

Oturumuna hos geldiniz.

yanki sorunu yasamak icin lutfen kulaklik ve mikrofon kullaniniz. goruntulerinizde donma varsa lutfen low (dusuk) kaliteyi seciniz

Svatopluk\_Matula 11:34

Time

Genel Sohbet kullanicısına mesaj gönder

International Symposium on Soil Science (Oda - 2)

Marketa\_Mihalikova

Yoneticici

Marketa\_Mihalikova

Orhan\_Dengiz

Ridvan\_Kizilkaya

## Estimation of FC and WP by PTFs (k-NN)

|      | FC (%) | WP (%) |
|------|--------|--------|
| Mean | 33.9   | 16.7   |
| Min  | 21.0   | 10.2   |
| Max  | 41.1   | 25.8   |

clay (%)

sand (%)

FC frequency distribution

WP frequency distribution



# PRESENTATIONS

International Symposium on Soil Science (Oda - 2)

Genel Sohbet

KULLANICILAR (18)

Safiyeye\_Ayar Sezal\_Delibacak

Sezal\_Delibacak

In the same study, it is reported that while the hydraulic conductivity values of the soils increased by the higher dose applications, total porosity, field capacity and plant available water contents increased with all application doses (Figure 2).

Field Capacity

Plant Available Water Content

Figure 2. Effects of olive pomace and composted olive pomace applications on field capacity and plant available water content (Killi, 2008).

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Ridvan\_Kizilkaya

Yonetici (Sen)

Abdurrahman\_Ay -

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David\_Aghor -

Ferit\_Sommez -

Garib\_MAMMADOV -

Hazrat\_Amin -

Ishtat\_E\_Amwar\_Br... -

Kostel\_Gafarbayli -

Lesia\_Karpuk -

Marketa\_Mihalikova -

Matthew\_Idu -

Muhammad\_Tukur -

Nabeela\_Maqbool -

Nazim\_Elnaker -

Nursac\_Serdar\_Kaya -

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Rabiu\_Kabo\_ALHA... -

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Salih\_Demirkaya -

Sena\_Pacici -

Sezal\_Delibacak -

Sheena\_Thapaliya -

Songul\_Rakicoglu -

Swagata\_Chowdh... -

Tatiana\_Camila\_Za... -

Aramak için buraya yazın

17:31 19.12.2021

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# PRESENTATIONS

