

2nd International Webinar on

RECYCLING & WASTE MANAGEMENT

March 29-30, 2021



Theme:

Recycle, Recovery and Reuse



Coalesce Research Group
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Scientific Program

2nd International Webinar on

Recycling & Waste Management

Monday
March 29, 2021

Day 1 - March 29, 2021

STARTS AT BRITISH TIME - 10:00 AM

10:00 - 10:10 Introduction

Oral Presentations

10:10 - 10:35 Elevated CO₂ and increased nitrogen worsen damage caused by aphid pest on wheat
Eva Maria Carreras Navarro, Agriculture Victoria and The University of Melbourne, Australia

10:35 - 11:00 Efficient development of functional composts utilizing spent coffee ground, rice bran and biochar through microbial bioaugmentation
Sung-Cheol Koh, Korea Maritime and Ocean University, South Korea

11:00 - 11:25 Biochar's role in soil health and food quality: A case study of soil microbiome improvement against rot disease with Chinese Panax ginseng grown in a continuously cropped Alfisol
Genxing Pan, Nanjing Agricultural University, China

11:25 - 11:50 Study on the chemical and crystal structure in wood treated by high-intensity microwave
Wang Zhenyu, Beijing Forestry University, China

11:50 - 12:15 Biochar significantly reduced fumigant emissions under field conditions
Qiuxia Wang, Chinese Academy of Agricultural Sciences, China

12:15 - 12:40 Evidences of N₂O emissions in chloropicrin-fumigated soil
Wensheng Fang, Chinese Academy of Agricultural Sciences, China

12:40 - 13:05 Chloropicrin alternated with biofumigation increases crop yield and modifies soil bacterial and fungal communities in strawberry production
Daqi Zhang, Chinese Academy of Agricultural Sciences, China

Lunch (13:05 - 13:30)

Keynote Presentations

13:30 - 14:00 Proso millet (*Panicum miliaceum* L.) as climate-resilient food grains for human health
Dipak Santra, University of Nebraska-Lincoln, Panhandle Research and Extension Center, USA

14:00 - 14:30 Large scale production and field applications of ready-mix recycled aggregate concrete (RAC) for sustainable construction
M Shahria Alam, The University of British Columbia, Canada

Poster Presentations

14:30 - 14:50 Modeling the spatial distribution of grey mullet using fishery and remote sensing data
Teng Sheng-Yuan, National Taiwan Ocean University, Taiwan

14:50 - 15:10 Valorization by acid hydrolysis from three industrial crops (Tagasaste, Leucaena and Paulownia trihybrid)
Susana Lozano Calvo, University of Huelva, Spain

15:10 - 15:30 Health area of LIFE NAdapta Project
Estrella Miqueleiz, Instituto de Salud Pública y Laboral de Navarra, Spain

15:30 - 15:50 Quality of compost from hop biomass related to compost heap preparation
Lucija Luskar, Slovenian Institute of Hop Research and Brewing, Slovenia

Oral Presentations

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15:50 - 16:15 *Małopolska region's actions towards climate neutrality and air quality improvement*
Janusz Zyśk, AGH University of Science and Technology, Poland

16:15 - 16:40 *In Situ trans esterification of low quality rapeseed in diesel fuel media*
Migle Santaraite, Vytautas Magnus University Agriculture Academy, Lithuania

16:40 - 17:05 *Comparative study of the energetic and reproductive condition of the European pilchard between two nearby water bodies: The Atlantic Ocean and the Mediterranean Sea (South of the Iberian Peninsula)*
Marta Caballero Huertas, University of Girona, Spain

17:05 - 17:30 *Pressure of parasitism, microplastics and thermal regimes on the state of health of European sardine along the Catalan Coast*
Xènia Frigola Tepe, University of Girona, Spain

End of Day 1 Sessions

Scientific Program

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Tuesday
March 30, 2021

Day 2 - March 30, 2021

STARTS AT BRITISH TIME - 10:00 AM

Oral Presentations

10:00 - 10:25	Maltose and totally impermeable film enhanced suppression of anaerobic soil disinfection on soilborne pathogens and increased strawberry yield Zhaoxin Song, Chinese Academy of Agricultural Sciences, China
10:25 - 10:50	Dimethyl disulfide (DMDS) as an effective soil fumigant against nematodes in China Dongdong Yan, Chinese Academy of Agricultural Sciences, China
10:50 - 11:15	Effect of treated wastewater on soil and environment Ajay Singh, Indian Institute of Technology Kharagpur, India
11:15 - 11:40	Bacterial identification in the root of candidate intergeneric hybrid of common bean Dilek Tekdal, Mersin University, Turkey
11:40 - 12:05	Proteomic responses of barley landraces to salt stress at the tillering stage Rahma Jardak, Centre of Biotechnology of Borj-Cedria, Tunisia
12:05 - 12:30	Main sources of dioxins generation at metals thermal treatment Anahit Aleksandryan, Ministry of Environment of the Republic of Armenia, Armenia
12:30 - 12:55	Egyptian standard specifications for drinking water: Parasitic point of view Wafaa Mohamed Abdalla Hikal, National Research Centre, Egypt and University of Tabuk, KSA

Keynote Presentations

12:55 - 13:05	Title: Changing the channel on communicating climate change to the public Anton Holland, NIVA Inc., Canada
13:05 - 13:35	Use of perennial wild food plants to diversify Cambodian agriculture for improved nutrition and income Ricky M Bates, Penn State University, USA

Certificate Felicitation and Closing Ceremony

End of Day 2 Sessions

April	
Global Webinar on Gynecology & Obstetrics	April 09-10, 2021
2nd Webinar on Addiction & Psychology	April 26-27, 2021
2nd Webinar on Plant Science & Genomics	April 29-30, 2021
3rd Webinar on Agriculture & Food Research	April 29-30, 2021
Webinar on Cannabis, Hemp & its Research	April 29-30, 2021
May	
Webinar on Ageing Research and Gerontology Studies	May 03-04, 2021
2nd International Webinar on Vaccines and Immunology	May 10-11, 2021
Webinar on Pediatrics and Neonatology	May 20-21, 2021
Webinar on Rheumatology and Orthopedics	May 24-25, 2021
Webinar on Surgery and Anaesthesia	May 24-25, 2021
Webinar on Acupuncture & Chinese Medicine	May 24-25, 2021
Webinar on Traditional & Alternative Medicine	May 24-25, 2021
Webinar on Nursing and Health Care	May 27-28, 2021
June	
Webinar on Nutrition Research	June 07-08, 2021
World Congress on Materials Science & Nanotechnology	June 14-15, 2021
International Conference on Polymer Science and Technology	June 14-15, 2021
World Conference and Expo on Vision Science and Optometry	June 14-15, 2021
International Webinar on Pediatrics and Neonatology	June 14-15, 2021
World Congress on Neurology	June 17-18, 2021
International Conference on Biopolymers and Bioplastics	June 21-22, 2021
International Conference on Renewable Energy and Sustainable Technologies	June 21-22, 2021
International Conference on Occupational Health and Public Safety	June 21-22, 2021
Global Webinar on Chemistry and Applied Sciences	June 24-25, 2021
Webinar on Biocatalysis & Green Chemistry	June 24-25, 2021

3rd Webinar on Catalysis, Chemical Engineering & Technology	June24-25, 2021
2nd E-Meeting on Advanced Catalysis (AdCat-2021)	June24-25, 2021
International Webinar on Artificial Intelligence and Robotics	June24-25, 2021
July	
4 th Webinar on Nanotechnology & Nanomaterials	July 05-06, 2021
4 th Webinar on 3D Printing & Additive Manufacturing	July 05-06, 2021
Online International Conference on Diabetes and Endocrinology	July 19-20, 2021
Online International Conference on Atmospheric and Earth Sciences	July 19-20, 2021
Webinar on Laser, Optics & Photonics	July 26-27, 2021
International Webinar on Quantum Physics and Nuclear Technology	July 26-27, 2021
International Webinar on Artificial Intelligence and Robotics	June24-25, 2021
Online International Conference on Physiotherapy, Physical Rehabilitation and Sports Medicine	July 29-30, 2021
3 rd Online International Conference on Nutrition and Nutraceuticals	July 29-30, 2021

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