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1508th Conference

Scientific Program

Annual Congress on

SOIL SCIENCES

December 04-05, 2017 | Madrid, Spain

Conference Series llc LTD

47 Churchfield Road, London, W3 6AY

Office P: + 44 203 769 0972

Hall @ Burgos

conference**series**.com 09:30-10:00

Opening Ceremony

Keynote Forum

10:00-10:05 Introduction

Title: Irrigation management effect on water dynamics of citrus huanglongbing trees and soil

10:05-10:50

Kelly T Morgan, University of Florida, USA

Group Photo & Networking and Refreshments Break 10:50-11:15 @ SALAMANCA

11:15-11:45

Title: Stress state of a soil array at break of the pipeline

Vladimir I Andreev, NRU MGSU, Russia

Sessions: Soil Biology and Biochemistry | Soil Microbiology | Soil Water Mangement | Soil Erosion | Soil Conservation

Session Chair: Kelly T Morgan, University of Florida, USA

Session Co-Chair: Nataliya P Kirillova, Moscow State University, Russia

Session Introduction

11:45-12:10

Title: Soil biodiversity: A pivotal element that sustains soil functions

Cristina Menta, University of Parma, Italy

12:10-12:35

Title: Using digital elevation models and image processing to follow clod evolution under rainfall

Edwige Vannier, LATMOS, France

12:35-13:00

Title: Orchard floor management effect on soil microbial community

Yosef Steinberger, Bar-Ilan University, Israel

Lunch Break 13:00-14:00 @ SALAMANCA

14:00-14:25

Title: Critical factors driving soilborne root disease epidemics in clovers revealed and explained

Ming Pei You, University of Western Australia, Australia

14:25-14:50

Title: Harvesting rainfall in dense clay subsoils to increase yields of rain-fed crops

Peter W Sale, La Trobe University, Australia

14:50-15:15

Title: Innovations in soil color characterization: From Munsell color charts to flatbed scanners and digital cameras

Nataliya P Kirillova, Moscow State University, Russia

15:15-15:40

Title: The composition of soils developed on different lithological units of the Medvednica Mt.

Lidija Galovic, Croatian Geological Survey, Croatia

15:40-16:05

Title: Scaling properties of soil images

Ivan G Torre, Technical University of Madrid, Spain

Networking and Refreshments Break 16:05-16:20 @ SALAMANCA

Panel Discussion

Day 2 December 05, 2017

Hall @ Burgos

Keynote Forum

Introduction

09:00-09:30 Title: Restoring hydromorphological functionality to improve natural purification capacity of a heavily modified water body

Bodoque J M, University of Castilla-La Mancha, Spain

09:30-10:00 Title: Monitoring the effect of drying-wetting cycles on soil aggregate breakdown using SPECIM hyperspectral camera

Irena Ymeti, University of Twente, The Netherlands

Sessions: Pedology | Agronomy | Soil Mechanics | Soil Fertility | Soil Pollution | Edaphology

Session Chair: Bodoque J M, University of Castilla-La Mancha, Spain

Session Co-Chair: Nataliya P Kirillova, Moscow State University, Russia

Session Introduction

10:00-10:25 Title: Is the enrichment of organic fertilizers with nitrogen-fixing microorganisms effective in soils ubiquitous in these microbes?

Margarida Arrobas, Polytechnic Institute of Bragança, Portugal

10:25-10:50 Title: Deterministic and reliability analysis of RC bridges including soil-structure interaction

Kamel Bezih, Mostefa Ben Boulaid University, Algeria

Networking and Refreshments Break 10:50-11:05 @ SALAMANCA

11:05-11:30 Title: Effects of continuous potato monoculture on microbial community diversities and taxa abundances in potato rhizosphere soil

Hui-zhen Qiu, Gansu Agricultural University, China

11:30-11:55 Title: Shear strength of naturally cemented calcrete soil compared to artificially cemented and un-cemented sand

Shaqour F, University of Jordan, Jordan

11:55-12:20 Title: Cover cropping in rainfed olive orchards

M Angelo Rodrigues, Polytechnic Institute of Bragança, Portugal

12:20-12:45 Title: Advanced electrochemical treatments for soil remediation

Emmanuel Mousset, Universite de Lorraine, France

12:45-13:10 Title: Development of a coupled model for air and water flow through unsaturated soils: Simulation of an axis-translation technique procedure

Victor Scartezini Terra, University of Rio Verde, Brazil

Lunch Break 13:10 -13:45 @ SALAMANCA

Poster Presentations 13:45-14:15 @ SALAMANCA

SS1 Title: Studies on soils fertility and tree nutritional status in chestnut groves

Margarida Arrobas, Polytechnic Institute of Bragança, Portugal

SS2 Title: Effect of liming on olive tree (cv. Cobrancosa) grown in acidic soils

M Angelo Rodrigues, Polytechnic Institute of Bragança, Portugal

SS3 Title: Habanero chili plants: Hardness dependency on the type of soil

Ramirez-Sucre M O, CIATEJ, Mexico

SS4 Title: Dynamics of nitrogen mineralization in a soil cultivated with wheat (Triticum durum L.) under conventional tillage at Mexicali Valley, Baja California, Mexico

Silvia M Aviles, Autonomous University of Baja California, Mexico

SS5

Title: Sedimentation method for determining the content of soil fractions with diameters from 0.05 to 1.0 mm

Krzysztof Papuga, Wrocław University of Environmental And Life Sciences, Poland

Sessions: 14:15-16:20 @ Burgos

14:15-14:40 Title: Trace element data for surface soil and moss in Norway analyzed by PMF and PCA with optional CLR transformation

Erik R Christensen, University of Wisconsin–Milwaukee, USA

14:40-15:05 Title: Characterization of three types of soils from Yucatan Mexico and evaluation of their effect on the growth of habanero chili plants

Rodriguez-Buenfil I M, CIATEJ, Mexico

15:05-15:30 Title: Eighteen years of research on soil management systems in rainfed olive groves

M Angelo Rodrigues, Polytechnic Institute of Bragança, Portugal

15:30-15:55 Title: Spatial-scale prediction of soil vegetation atmosphere transfer (SVAT) soil hydraulic variables characterizing stratified soils from an ensemble kalman filter (EnKF) analysis of synthetic aperture radar (SAR) surface soil moisture

Ju Hyong Lee, Seoul National University, South Korea

15:55-16:20 Title: Assessment of the use of bacterial inoculants for improving the agromining potential of Ni-hyperaccumulating plant species at field-scale

Tania Pardo, IAG-CSIC, Spain

Networking and Refreshments Break 16:20-16:35 @ SALAMANCA

Panel Discussion

Awards & Closing Ceremony



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International Conference on

SOIL SCIENCES

June 14-15, 2018 | Dublin, Ireland

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