



# Scientific Program

2<sup>nd</sup> Annual Congress on

# Soil and Water Sciences

October 22-23, 2018 | Berlin, Germany



UK: Conference Series LLC Ltd  
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# DAY-1

October 22, 2018

Meeting Hall: **Sylt 4-5**

09:30-10:00 Registrations

*Opening Ceremony* ..... **10:00-10:30**

## KEYNOTE FORUM

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Introduction

10:30-11:00

**Title:** Anthropogenic changes in water storage in peat deposit in intramountain orawa – Nowy targ basin (Western Carpathians)

Adam Lajczak, Pedagogical University of Cracow, Poland

## GROUP PHOTO

**Networking & Refreshments 11:00-11:20 @Sylt Foyer**

11:20-11:50

**Title:** Synthesis and characterization of hydrophobic soil and its applications in reducing water evaporation and enhancing growth of plants, water harvesting in construction

Prakash Mehta, IIT Gandhinagar, India

11:50-12:20

**Title:** Catering to high variability and climate change: What next in site specific nutrient management?

Sheetal Sharma, International Rice Research Institute, India

**Sessions:** Soil Erosion | Water pollution | Soil Degradation | Soil Management | Hydrology | Groundwater Recharge and Water Harvesting | Water Resource Management | Soil Science : Agriculture | Wastewater Treatment | Soil Fertility

**Chair:** Adam Lajczak, Pedagogical University of Cracow, Poland

**Co-Chair:** Jean Diatta, Poznan University of Life Sciences, Poland

## INTRODUCTION

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12:20-12:40

**Title:** Assessment of the impact of subsurface agricultural drainage on soil water storage and flow of a small watershed

Mushombe Muma, New Horizons University, Congo

12:40-13:00

**Title:** Fate of 15N labelled urea in a soil contaminated by heavy metal containing dust: An incubation study using a mine slag sampled from Kabwe city, Zambia, Africa

Yoshitaka Uchida, Hokkaido University, Japan

Lunch Break 13:00-13:45@Restaurant Rienacker

## SPEAKER FORUM

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- 13:45-14:05** **Title: Soil erosion: The siberian agricultural lands in Russia**  
Elizaveta Tyumentseva, Irkutsk State University, Russia
- 14:05-14:25** **Title: Effects of environmental parameters of natural waters on the adsorption of organic contaminants by carbon nanomaterials**  
Alina Catrinel Ion, Politehnica University of Bucharest, Romania
- 14:25-14:45** **Title: Calcium Aluminum Balance (CAB) as new concept for liming materials application to arable soils**  
Jean Diatta, Poznan University of Life Sciences, Poland
- 14:45-15:05** **Title: Identification of hydrologic-landscape regions in Piracicaba, Capivari and Jundiai rivers basins, Brazil**  
Matheus H Mortene, Unicamp Faculty of Technology – FT(FT-UNICAMP), Brazil
- 15:05-15:25** **Title: Monitoring simulation for flood risk prediction using 3D analysis and SWAT in Ary creek watershed**  
Sultana Nasrin Baby, RMIT University, Australia
- 15:25-15:45** **Title: Assessment of climate change impact on soil erosion within an agro-ecosystem in Nakhla catchment basing on Caesium-137 and unsupported Lead-210 measurements**  
Meryem Moustakim, Abdelmalek Essaadi University, Morocco
- 15:45-16:05** **Title: Divalent iron oxidative process for degradation of carbon and nitrogen based pollutants from dye intermediate industrial wastewater**  
Nibedita Pani, Pandit Deendayal Petroleum University, India
- 16:05-16:25** **Title: The effect of adding sewage sludge on the productivity of cotton, wheat and corn and the accumulation of some heavy metals in soil and crops**  
Omar Jouzdan, The Arab Center for the Studies of Arid Zones and Dry Lands, Syria

## POSTER PRESENTATIONS 16:25–16:45@SYLT FOYER

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Networking & Refreshments 16:45-17:10@Sylt Foyer

## PANEL DISCUSSION

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# DAY-2

October 23, 2018

Meeting Hall: **Sylt 4-5**

Networking and Lunch 12:30-13:30 @ Restaurant Rienacker

## Awards & Closing Ceremony