JOINT EVENT

International Conference on
ENVIRONMENTAL MICROBIOLOGY AND MICROBIAL ECOLOGY
&
International Conference on
ECOLOGY, ECOSYSTEMS AND CONSERVATION BIOLOGY
July 11-12, 2018 | Toronto, Canada
Day 1         July 11, 2018

Conference Hall: Frederick

Keynote Forum

09:10-09:55  Title: The devastated ecosystem and it impacts on China’s wellbeing
             Ruling Pan, University of Western Australia, Australia

09:55-10:40  Title: The effect of intraspecific trait variation on the detecting of community assembly 
             across successional stages
             Zhanging Hao, Institute of Applied Ecology, Chinese Academy of Sciences, China

Panel Discussion

Networking & Refreshment Break 10:40-11:00 @ Dorothy

11:00-11:45  Title: Use of water separated from crude oil in the cultivation of wood trees and 
             economic plants and biofuels production through phytoremediation
             Elsayed Abdel-Sattar El-Meleigy, Suez Canal University, Egypt

Group Photo 11:45-11:50

Sessions:
Plant Microbiology | Spatial Ecology | Ecology | Climate Change | Urban Ecology | Pharmaceutical
Microbiology

Session Chair: Ruling Pan, University of Western Australia, Australia
Session Co-chair: Mohammed Menggad, University of Casablanca, Morocco

Session Introduction

11:50-12:25  Title: The effect of biological microorganism products on maize vegetation and 
             productivity
             Ernestas Zaleckas, Aleksandras Stulginskis University, Lithuania

12:25-13:00  Title: LiDAR data analysis with Fusion/LDV for individual tree measurement
             Hiromi Shiota, Kyoto Prefectural University, Japan

Panel Discussion

Lunch Break 13:00-13:45 @ Dorothy

13:45-14:20  Title: Antiproliferative anthracycline pink red-like pigments produced by new bacterial 
             soil strains identified as Streptomyces coelicoflavus and bioactivity of other compounds
             Mohammed Menggad, University of Casablanca, Morocco

14:20-14:55  Title: Forecasting the carbon dioxide emission of china based on the brain storm
             optimisation algorithms
             Kofi Baah Boamah, Jiangsu University, China

14:55-15:30  Title: Pichia kudriavzeviiia NN/SG II potential yeast strain isolated from Gora- a rice based 
             fermented beer traditionally prepared by the indigenous Koloi tribes of Tripura
             Nandita Nath, Tripura University, India

15:30-16:05  Title: Isolation and identification of predominant bacterial isolates infecting urinary tract
             Marwa M Elmaghrabi, Alexandria University, Egypt

Panel Discussion

Networking & Refreshment Break 16:05-16:20 @ Dorothy

16:20-16:55  Title: Estimation of soil carbon in the moist temperate forests : A case study of Galiyat 
             Pakistan
             Saeeda Yousaf, University of Peshawar, Pakistan

16:55-17:30  Title: Chlorpyrifos-induced alterations in cell surface topography, total protein content 
             and optimization of key growth and degradation regulators of bacillus spp.
             Shweta Nistala, Pt. Ravishankar Shukla University, India

Panel Discussion
## Day 2  July 12, 2018

### Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>09:00-09:45</td>
<td>The fundamental theorem of natural selection with mutations, and mutation accumulation in small populations</td>
<td>William F Basener, Rochester Institute of Technology, USA</td>
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<tr>
<td>09:45-10:15</td>
<td>Improvement of compliance to hand hygiene (HH) best practice as one of the patient safety goals (PSGs) at Al Zaytoon specialized Governmental Hospital, Cairo-Egypt</td>
<td>Maha Hamdy, Ain Shams University, Egypt</td>
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<tr>
<td>10:15-10:45</td>
<td>Microbiome of soil, plants and humans, the ways and mechanisms of their interrelation, role in P4 and IT– medicine</td>
<td>Nadiya Boyko, Uzhhorod National University, Ukraine</td>
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### Networking & Refreshment Break 10:45-11:00 @ Dorothy

### Sessions: Plant and Agricultural Microbiology | Antimicrobials | Applied Microbiology | Soil Microbiology

**Session Chair:** William F Basener, Rochester Institute of Technology, USA  
**Session Co-chair:** Taha Nazir, ICDTD Inc., Canada

#### Session Introduction

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<tr>
<td>11:00-11:35</td>
<td>The remediation of drought stress under VAM inoculation through proline chemical transformation action</td>
<td>Rafia Azmat, University of Karachi, Pakistan</td>
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<td></td>
<td>Potential threat of New Delhi metallo-beta-lactamase-1, multi drug resistant and Extensive Drug Resistant (XDR) to achieve the Millennium Development Goals (MGD’s)</td>
<td>Taha Nazir, ICDTD Inc., Canada</td>
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<tr>
<td>11:35-12:10</td>
<td>Effect of diazotrophic biofertilizers in combination with urea on growth and biomass production of sugarcane</td>
<td>Gazi Md Akram Hossain, Bangladesh Sugarcrop Research Institute, Bangladesh</td>
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#### Panel Discussion

**Lunch Break 12:45-13:30 @ Dorothy**

### Poster Presentations @ 13:30-14:30

**Poster Judge:** Taha Nazir, ICDTD Inc., Canada

<table>
<thead>
<tr>
<th>Poster</th>
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<tr>
<td>P-01</td>
<td>Complete genome sequence of <em>Alkalitalea saponilacus</em>, an anaerobic haloalkaliphilic bacterium capable of secreting halostable xylanase</td>
<td>Zhao Baisuo, Graduate School Chinese Academy of Agricultural Sciences (CAAS), China</td>
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<tr>
<td>P-02</td>
<td>Operational taxonomic units that distinguish soils of crops and fruits in the whole Japan</td>
<td>Andre F Cruz, Kyoto Prefectural University, Japan</td>
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<tr>
<td>P-03</td>
<td>Degradation mechanism for phthalic acid esters (PAEs) degrading bacterium</td>
<td>Yan Yanchun, Graduate School Chinese Academy of Agricultural Sciences (CAAS), China</td>
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<tr>
<td>P-04</td>
<td>Clustering Analysis of global soil microbe metagenome for characterizing community diversity</td>
<td>Tetsushi Tanaka, Kyoto Prefectural University, Japan</td>
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<td>P-05</td>
<td>Metagenomic detection of bacteria and fungi in the atmosphere of Mexico City</td>
<td>Serrano-Silva N, National Autonomous University of Mexico, Mexico</td>
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#### Young Researchers Forum

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<tr>
<td>13:30-13:50</td>
<td>A model for the ecological collapse of easter island caused by economic price fixing</td>
<td>Wesley J Basener, Piedmont Valley, USA</td>
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<td>13:50-16:10</td>
<td>The role of economic, policy, and ecological factors in estimating the value of carbon stocks in the Meme Conservation Area, South West Region, Cameroon</td>
<td>Tatiane Flore Mayo Ngouno, Kumba City Council, Cameroon</td>
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#### Panel Discussion

**Networking & Refreshment Break 16:10-16:30 @ Dorothy**

### Video Presentations 16:30-17:15

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<td>16:30-16:45</td>
<td>Functional folk food concept based on consumption of ethnical products and epigenetic algorithm for personal nutrition calculation for implementation and exploitation by EU citizens</td>
<td>Nadiya Boyko, Uzhhorod National University, Ukraine</td>
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<tr>
<td>16:45-17:00</td>
<td>Acute febrile illness in India– Dengue or Typhoid or both?</td>
<td>Ashima chugh, Bansal Hospital, India</td>
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<td>17:00-17:15</td>
<td>Assessment of top soils for mcpa utilizing bacteria isolated from oil palm plantation and open dumpsite</td>
<td>Bello-Osagie, University of Benin, Nigeria</td>
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#### Award & Closing Ceremony