

<b>Tuesday Sep 10 2024</b>	
<b>9:45</b>	Leaving the hotel
<b>10:00</b>	Dr. Chittaranjan Ray - Welcome
<b>10:20</b>	Dr Marie Russel, CRP Programme, OECD and Dr. Andy Sheppard CRP Scientific Advisory Board representative - OECD Co-operative Research Programme : Sustainable Agricultural and Food Systems
<b>10:45</b>	Leaving the conference to Husker Harvest Days (HHD)
<b>11:00</b>	We will have lunch boxes ready to go at our bus
<b>13:00</b>	Field Demonstration - Corn Combining Demo
<b>14:00</b>	Field Demonstration - Haying Demo
<b>15:00</b>	Free time to enjoy and explore HHD
<b>16:30</b>	Leaving Husker Harvest Days, back to the hotel
<b>Dinner</b>	To be Determined (TBD)

<b>Wednesday Sep 11 2024</b>	
<b>8:00</b>	Coffee/Sign-in
<b>Panel 1: Engineering and new Fertilizer Technologies</b>	
<b>8:30</b>	Prof. Jonas Baltrusaitis - Solid nitrogen fertilizer recovery from liquid biogenic waste: from new concepts to new technology
<b>8:55</b>	Dr. Vita Tilvikiene - Anaerobic digestion for effective nutrient recycling – opportunities and threats
<b>9:20</b>	Dr. Treavor Boyer - Implementation of urine diversion for nitrogen and phosphorus recovery
<b>9:45</b>	Dr. Kiran Pavuluri - Optimizing Nutrient Synergy Through the Development of Organomineral Fertilizer Formulations
<b>10:10</b>	Dr. Donata Drapanauskaite - Recovery of nutrients from different waste streams
<b>From farm to table, with a lot of science in between</b>	
<b>10:35</b>	Special Guest Brett Reinford, Reinford Farms
<b>10:55</b>	Break
<b>11:10</b>	Breakout session 1
<b>12:40</b>	Lunch

<b>Panel 2: Prospects and Applications on Nutrients Recovery</b>	
<b>13:30</b>	Dr. Julia Farias - Assessment of different nitrogen sources on plant development and cattle supplementation
<b>13:55</b>	Dr. Ganga Hettiarachchi - Can Struvite and Struvite Mixed-Products be Used As Slow-Releasing P Fertilizers to Enhance Phosphorus Use Efficiency?
<b>14:20</b>	Prof. Ilya Gelfand - Recycling of grey water nutrients with algal biomass for biofertilization in desert agroecosystems
<b>14:45</b>	Dr. Ilpo Pölönen - On-farm heat treatment of manure broadens the usage of manure beyond farm setting
<b>15:10</b>	Dr. Alejandro Moure Abelenda -Lab- and commercial- scale greenhouse gas abatement techniques applicable to soil organic amendments: Extraction of ammonium bicarbonate from anaerobic digestate and heterolactic fermentation of dairy slurry
<b>15:35</b>	Break
<b>15:50</b>	Breakout session 2
<b>17:20</b>	Adjourn
<b>Dinner</b>	Dr. Derek McLean - Introduction to IANR and ongoing research. Local and Time TBD Hosted by Nebraska Water Center

<b>Thursday Sep 12 2024</b>	
<b>8:00</b>	Coffee/Sign-in
<b>Panel 3: Risk Assessment and Fertilizer Management</b>	
<b>8:30</b>	Dr. Phil Joo Kim - Changes in Agricultural Nutrient Balance of OECD Countries: Causes & Impacts
<b>8:55</b>	Prof. Rebecca Muenich - Nitrogen/Phosphorous ratio considerations of waste derived fertilizers
<b>9:20</b>	Dr. Karolina Barčauskaitė - The quality of various exogenous organic matters and their role in circular agriculture
<b>9:45</b>	Dr. Hunter Quon - Microbial risks and considerations for reusing waste streams: reclaimed wastewater and biosolids in agriculture
<b>10:10</b>	Dr. Ximeba Schmidt - A Life cycle perspective of fertilizers from valorized resources
<b>From table back to farm, with a lot of science in between</b>	
<b>10:35</b>	Special Guest Carson Bone, Bioenergy Devco

<b>10:55</b>	Break
<b>11:10</b>	Breakout session 3
<b>12:40</b>	Lunch
<b>Panel 4: Mineral Nutrition, Soil Health, and Environmental Sustainability</b>	
<b>13:30</b>	Dr. Stephanie Kulesza - Phosphorus availability of dried swine sludge products
<b>13:55</b>	Prof. Antonio Rodríguez - Improving the use efficiency of critical nutrients for agriculture and soil health in Mediterranean areas: inorganic and organic-based fertilizers.
<b>14:20</b>	Dr. Mauricio Fornalski Soares - Soybean Money Maker - Efficient use of nutrients as a key factor for sustainability in Brazil
<b>14:45</b>	Prof. Osnat Gillor - Navigating the Ripple Effects of Wastewater Irrigation on Soil Quality, Crop Health, and Environmental Sustainability
<b>15:10</b>	Dr. Waleed Asghar - Effect of co-application of Trichoderma spp. with organic composts on plant growth enhancement, soil enzymes, and fungal community in soil
<b>15:35</b>	Break
<b>15:50</b>	Breakout session 4
<b>17:20</b>	Adjourn
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