



**University  
of Manitoba**



## **Canada Africa 4R Solution and Precision Nutrient Management – Online Series**

**Monday August 10 | 8:00 am – 10:00 am (EST)**

### **Moderator and Speakers Bios**



Ed Rege is Founder and CEO of ECI-Africa. He is also the Facilitator of the Online series. He is one of Africa's foremost practitioners in institutional development; strategic planning, design and implementation; facilitation of complex multi-stakeholder processes, including program development and implementation processes, leadership and management capacity building, and executive coaching and mentoring. He has over 35 years' experience in agriculture, having worked in different capacities – as university trainer, CGIAR researcher and science leader. Over the last 15 years, Ed has been pursuing his passion in Organizational Development focusing on leadership and management, building on his many years' experience in managing programs in complex global multi-institutional contexts. He is the founder and CEO of ECI-Africa and Emerge Africa.

Ed holds a PhD in Genetics, M.S. in Animal Science, and BSc. in Agriculture. He has also additional training in Organizational Development from various institutions. Prior to founding ECI-Africa, Ed was the Director of the Global Biotechnology Program of the International Livestock Research Institute (ILRI). Ed strongly believes that individual and institutional capacity (in both hard and soft skills) holds an important key to unlocking the performance of agriculture in Africa, and making the required transformation happen.



Dr. Mario Tenuta is a professor in the Department of Soil Sciences and heads the Applied Soil Ecology Lab at the University of Manitoba. His training includes a B.Sc. in Botany and Physical Geography, an M.Sc. in Soil Science, a Ph.D. in Plant Sciences, and Post-Doctoral research in Nematology. From 2006 to 2017 he served as the Canada Research Chair in Applied Soil Ecology. Mario is one of nine leading researchers in the Canadian 4R Research Network (supported by Fertilizer Canada and Agriculture & Agri-Food Canada's (AAFC) Agri-Innovation Program). Mario is heavily invested in disseminating the findings of Applied Soil Ecology Lab research projects, and many of his peer-reviewed journal publications are co-authored by his graduate students and technicians. Mario has a special ability to translate discoveries to

recommendations and advice for growers, crop consultants, retailers, and industry. To learn more about Dr. Tenuta, visit [here](#).



Claudia Wagner-Riddle is a Professor of Agrometeorology in the School of Environmental Sciences (SES), University of Guelph, Canada. Originally from Brazil, Claudia has degrees from the University of Sao Paulo and Guelph. Claudia leads an internationally renowned research program utilizing the measurement of greenhouse gas emissions to determine the carbon footprint of food, feed, and fuel produced by agriculture. Claudia is on the Executive of the Soils at Guelph and leads an NSERC CREATE training program on Climate-Smart Soils. She is a fellow of the Soil Science Society of America and of the American Meteorological Society, and Editor-in-Chief of the international journal Agricultural and Forest Meteorology. Claudia has conducted research as part of the Canadian 4R Network and serves on advisory boards to Fertilizer Canada. Prof. Wagner-Riddle has published >140 papers and has an h-index of 38 (Google Scholar).



Dr. Kaushik Majumdar is the Director General of the African Plant Nutrition Institute (APNI) at Benguéir, Morocco. Prior to joining APNI, Dr. Majumdar was the Vice President of the International Plant Nutrition Institute (IPNI), coordinating the research and outreach activities of IPNI in Asia and Africa. Dr. Majumdar has a Ph.D. in Soil Mineralogy/Soil Chemistry from Rutgers University, U.S.A. His current area of interest is precision crop nutrition for climate resilience and soil health in smallholder production systems, and how that translates into production of sufficient and better quality diet for

enhanced human health outcomes. Dr. Majumdar has contributed to the development of several site-specific fertilizer decision support tools; technical bulletins and training aids on sustainable plant nutrition; and has authored over 80 international and national scientific publications.



Dr. Job Kihara is an agronomist and an expert in soil health with over 20 years' experience on soil and water management within the Alliance of Biodiversity International and International Center for Tropical Agriculture (CIAT). He is passionate about African agriculture and working on the development of tools for site-specific nutrient management recommendations for variable soils and systems. Dr. Kihara's Recent research interests include addressing limitations of micronutrients in soils and the relations to produce quality, soil-based climate change adaptations and mitigation potentials of various interventions.