

ncle | National Centre for Livestock and the Environment

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Newsletter

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New NCLE Website

The National Centre for Livestock and the Environment (NCLE) has launched a new website that puts a wealth of information at the fingertips of researchers, students, industry and governments. It provides access to information on an extensive library of research projects and resources that examines Canadian livestock production systems as an integral component of an adaptive and enduring food system in Canada. The website provides detailed information regarding NCLE research activities, graduate student experiences plus a collection of extensive resources used to transfer project knowledge to stakeholders and the public. At the heart of NCLE research are themes that explore livestock as a component in sustainable agro-ecosystem management, leverage data to improve food systems through monitoring and modeling as well as those that emphasize a One Health approach to improve animal management. The new website features a current NCLE news section plus the NCLE partners page with a complete list of support organizations and stakeholders that collaborate and work to bring NCLE research to life.

ABOUT US

The National Centre for Livestock and the Environment (NCLE) is located at the University of Manitoba (UM). The Centre has been active for almost two decades and is a unique community of researchers, industry stakeholders and students that engage in multi-disciplinary, multi-agency research focused on building a more sustainable future for the Canadian livestock sector.



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NCLE Research Resonates with High School Students and Teachers

NCLE researchers and graduate students teamed up with Nutrients for Life Foundation Canada - Fertilizer Canada to share their knowledge on sustainable agriculture practices in Manitoba. In September, UM's Glenlea Research Station (GRS), Farm and Food Discovery Center and NCLE were host to teachers from schools across Winnipeg. The high school educators were excited to learn new concepts in sustainable agriculture and how to effectively represent these in their curriculum. Soil scientist Mario Tenuta and entomologist Bridget White shared their work which is aligned with 4R Nutrient Stewardship and explores pollinators and beneficial insects in agriculture. The GRS speaker session was a part of the Global Food Security in the 21st Century "Canadian Agriculture Responds" event sponsored by Kelburn Farm, Richardson International, Bayer Crop Science and Ducks Unlimited Canada.

In October, NCLE researchers, technicians and graduate students received the opportunity to provide hands-on mini workshops to students enrolled in a student summit titled "Enhancing Global Food Security - Impacts of a Climate Smart Agriculture Approach". The goal of this three-day program was to bring high schools students from across Manitoba, US and the UK to discuss and develop an action plan for sustainable land use - using best management practices as well as the 4R's. Lindsay Lippens, Joanne Thiessen Martens and Cecil Montemayor addressed timely topics including cattle in the landscape, pollinators beneficial insects and floral enhancements and concepts regarding the 4R's and soil health. Thank you to all the presenters and students for participating in these inspiring workshops!

2023 Sustainability of Canadian Agriculture Conference

The 9th Annual Sustainability of Canadian Agriculture Conference (SCAC) will be held virtually on March 7-9th 2023. Following on the heels of the past conference where up to 280 attendees logged on daily, the next event will bring together producers, academics and industry to continue to explore and enhance agricultural sustainability in Canada. The 2023 conference will once again feature presentations, panel discussions, a Holos workshop, a graduate student video competition and the widely enjoyed Barley Sandwich Sessions where attendees can discuss topics on sustainable agriculture production with experts. Please stay tuned for more details!

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