



For immediate release — Tuesday, June 17, 2025

Agriculture technology the focus of Wednesday panel presentation at Canadian Symposium on Remote Sensing

Global agriculture faces an unprecedented challenge to feed an estimated 9.7 billion people by 2050 while adapting to climate change, extreme weather events, and increasing biotic and abiotic stresses that threaten yield stability and seed quality.

As part of Wednesday's program at the week-long Canadian Symposium on Remote Sensing, hosted by the University of Lethbridge's Institute for Geospatial Inquiry, Instruction and Innovation (i4Geo), Agriculture and Agri-Food Canada and the Canadian Remote Sensing Society, a panel of experts will discuss agriculture technology and how it is advancing crop production, crop performance, resource efficiency and sustainability.

WHAT: Agriculture Technology Panel Discussion

WHEN: Wednesday, June 18, 9:30 to 10:30 a.m.

WHERE: Birch and Cedar Rooms, Sandman Signature Lethbridge Lodge

WHO: Panel Chairs — Dr. Keshav Singh, Agriculture and Agri-Food Canada and dr. Derek Peddle, Department of Geography & Environment, University of Lethbridge. Panelists — Dr. Catherine Champagne, environmental scientist, Agriculture and Agri-Food Canada; Professor Aaron Berg, Geography, Environment & Geomatics, University of Guelph; Dr. Cassidy Rankine, executive, Planet Labs Canada; Professor Kalifa Goïta, Université de Sherbrooke.

This panel discussion brings together leading experts in smart agriculture, remote sensing and digital imaging to explore the role of cutting-edge technologies in shaping the future of sustainable agriculture and precision farming.

For more information: <https://crss-sct.ca/csrs-2025-agriculture-technology-panel-discussion-june-18th-2025/>

The [46th Canadian Symposium on Remote Sensing](#) runs June 16-19 under the theme, From Mountains to Kitchens; Remote Sensing Innovations for Water, Food & Security.

Media are invited to speak to panelists following the discussion (10:30 a.m.).

Please RSVP if you are planning to attend.

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Our University's Blackfoot name is Iniskim, meaning Sacred Buffalo Stone. The University is located in traditional Blackfoot Confederacy territory. We honour the Blackfoot people and their traditional ways of knowing in caring for this land, as well as all Indigenous Peoples who have helped shape and continue to strengthen our University community.