

CARTO 2023

Making & Breaking Boundaries

JUNE 13 – 16, 2023 at the
University of Calgary
(Mountain Time)



CONFERENCE SCHEDULE

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Tuesday

ALL DAY

Pre-Conference Workshop: Data Creation using Drones and LiDAR Technology (two components).

- 1) The first half-day component will include live demonstrations of drone technology featuring two flight missions using the DJI M300 RTK drone and D-RTK-2 GNSS base station to collect data..
 - 2) The second half-day component will continue the workshop in the lab with hands-on demonstrations using ArcGIS Drone2Map and DJI Terra software for processing the raw data.
- *Important: be prepared to walk outside in the morning. Lunch break will be from 12 - 1:30PM.

6:30 PM

Ice breaker at Inner City Brewing (venue).

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Wednesday

8:30 AM

Coffee / Mingle.

9:00 AM

Welcome and opening remarks.

9:15 AM

KEYNOTE TALK: Technicians of Remembrance: Digitally Preserving Western Canada's Diverse Heritage.

Presenter: Dr. Peter Dawson

10:15 AM

Break

10:30 AM

Touring through an open house: The William C. Wonders Map Collection's desire paths and colonial legacies.

Presenter: Larry Laliberte

10:45 AM

Géophoto: le nouveau géocatalogue de photographies aériennes des universités québécoises.

Presenter: Stéfano Biondo

LIGHTNING TALKS:

1) Updating the Canadian Longitudinal Census Tract Database (1951 to 2021).

Presenter: Jeff Allen

2) Canadian Census Data Discovery Partnership (CCDDP): An Update on Access to Canadian Historical Census Boundaries & UNI-CEN.

Presenters: Amber Leahey, Zack Taylor & Leanne Trimble

11:00 AM

3) Explorations in Urban Web-Mapping.

Presenter: Jeff Allen

4) Mapping Saskatchewan's COVID-19 Data.

Presenter: Julia Siemer

11:45 AM

Lunch Time / AGM 1 (ACMLA).

1:15 PM

Break

1:30 PM

PANEL: Archive, Erase, or Ignore: Retention of Researcher Content in Institutional ArcGIS Online Accounts.

Presenters: Rebecca Bartlett, Francine Berish, Marcel Fortin, Meaghan Kenny, Reg Nelson, and Nick Field

2:30 PM

Break

2:45 PM

The Power of Place, Incorporating Mapmaking into an Art Practice (online).

Presenter: Sean McLachlan

3:00 PM

Deconstruct this! Teaching the impacts of settler colonialism with maps (online).

Presenter: Rosa Orlandini

3:15 PM

Mapping Residential School Survivor Stories: Did You See Us? A Project Overview

Presenter: Stephanie Pyne

3:30 PM

Mapping Residential School Survivor Stories: Did You See Us? Historical Geographical and Archival Research.

Presenter: David Valeri

3:45 PM

Mapping Residential School Survivor Stories: Did You See Us? GIAMedia Website Design and Links to Student Research on Conceptualizing Queer GeoArchives

Presenter: Andrew Wiebe

4:00 PM

Break

4:15 PM

PANEL: The Practice of Cartography in Canada Today.

*Presenters: Julie Witmer, Jeff Clark, Jonathan Critchley
Moderator: Byron Moldofsky*

5:15 PM

Discussion on CCA Interest Groups: This session is planned as an informal set of discussions about activities attendees would like to see the CCA Interest Groups undertake and the organizational role they should now fulfill.

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Thursday

8:30 AM	Coffee/Mingle.
9:00 AM	Welcome and opening remarks.
9:15 AM	A Spatial Analysis of Moose distributions in Manitoba. <i>Presenters: Ayomide Fatogun, Christopher Storie, Joni Storie, Jim Roth</i>
9:35 AM	Mapping Fusarium Head Blight using Multispectral UAVs in Southern Manitoba. <i>Presenters: Ryan Shirliffe, Christopher D Storie, Christopher Henry, Joni Storie</i>
9:55 AM	Break
10:30 AM	Out of the library to the field with the Mountain Legacy Project. <i>Presenter: Daniel Brendle-Moczuk</i>
10:45 AM	Drone Mapping of the Galdhøpiggen Sommerskisenter . <i>Presenters: Christopher D Storie, Joni L. Storie, Vilma Zubinaite</i>
11:00 AM	Mapping Strategically for the Municipality: Past and Present Perspectives. <i>Presenters: Marikka Williams</i>
11:15 AM	The Essential Geography of the Salish Sea. <i>Presenters: Jeff Clark</i>
11:30 AM	The Scholars GeoPortal Redevelopment Project. <i>Presenters: Alicia Urquidi Díaz</i>
11:45 AM	Lunch Time / AGM 2 (CCA).
1:15 PM	Break
1:30 PM	PANEL: Life as a Single Point of Service: A Panel of Discussing Life as a Solo GIS Librarian. <i>Presenters: Martin Chandler, Meg Miller, Sarah Zhang</i>
2:30 PM	Break
2:45 PM	Alternative Historical GIS Approaches to Sir Aurel Stein's 1918-1922 Maps of Northwestern China. <i>Presenter: Nick Field</i>
3:00 PM	How does parking egress time affect commute mode? A GIS-based commuting model. <i>Presenter: Omid Khazaeian, Kambiz Borina</i>
3:15 PM	Interpolation and Visualization of Financial Time Series Data in a 3D Map-Based Environment Using a GIS Model. <i>Presenters: Kambiz Borina, Omid Khazaeian</i>
3:30 PM	GPS and the Jungle: Building Capacity for Participatory Mapping in Post-War El Salvador . <i>Presenters: Zack MacDonald, Liz Sutherland</i>
3:45 PM	Creation of Thematic Language Maps using Python Point Data Interpolation Methods. <i>Presenters: Mahsa Kouchehbaghi Reza, Dipto Sarkar, Peter L. Pulsifer</i>
4:00 PM	Break
4:45 PM	Mapping Variability in Watershed Delineation. <i>Presenter: Mark Empey</i>
5:00 PM	Multiagent Spatiotemporal Simulation of Autonomous Vehicle Fleet Operation. <i>Presenter: Wade Zhang</i>
7:00 PM	Banquet at Last Defence (venue) with awards - Including Student awards.

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Friday

8:30 AM	Coffee/Mingle.
9:00 AM	Welcome and opening remarks.
9:15 AM	Know Your Limits!: The Canada Lands Survey Records at Library and Archives Canada. <i>Presenter: Martha Sellens</i>
9:30 AM	Geospatial Insights into Métis Mobility: An Exploration of Origin-Destination Flows and Applied Historical Research. <i>Presenters: Frank J. Tough, Sandy J. Hoyeg</i>
9:45 AM	Field course for mapping: A Norway-Canada collaboration . <i>Presenters: Joni L. Storie, Vilma Zubinaite, Christopher D. Storie, Rune Strand Ødegård, Sverre Stikbakke, Christopher J. Henry</i>
10:00 AM	Hot DAMS: Using Alma Digital to Share uOttawa's NAPL Aerial Photo Collection . <i>Presenter: René Duplain</i>
10:15 AM	Break
10:30 AM	Using GIS to Support Equity and Social Justice. <i>Presenter: Carina Luo</i>
	LIGHTNING TALKS:
10:45 AM	1) The Cartographies of the adversaries (online). <i>Presenter: Noé Nessel</i>
	2) Web applications for maps, air photos, and geospatial data at Spatial and Numeric Data Services (SANDS) (online). <i>Presenter: Renna Truong</i>
11:05 AM	Inuit sea-ice safety mapping: Cartography as "a tool to know the ice better". <i>Presenter: Lynn Moorman</i>
11:20 AM	CPKC, A new era for mapping a Canadian Icon. <i>Presenter: Ian Ladd</i>
11:35 AM	Mountains of Evidence: Using forensic landscape photography and GIS to prosecute illegal hunting in the remote mountain landscapes of the Yukon Territory. <i>Presenter: Gerry Perrier</i>
11:50 AM	Closing remarks.

IMPORTANT - All presentations will be available for viewing online.