

## Precision in Motion: MEMS Inclinometers, Data Collection, and Telemetry | November 2024

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**Date:** Friday, November 22, 2024

**Location:** Calgary Marriott Downtown Hotel | 110 9th Avenue SE, Calgary, Alberta, Canada

**Tuition\*:** \$380.00 CAD

**Online Registration:** <https://www.geokon.com/In-Person-Seminars>

**Registration Deadline:** Monday, November 18, 2024

*\*Includes breakfast, lunch, coffee, snacks and Wi-Fi®. The cost of daily parking is not included with course tuition. Please see the online registration page above for more information.*

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**Seminar Overview:** This one-day seminar is crafted to provide a comprehensive introduction to the application and operation of GEOKON MEMS instrumentation and data collection solutions. We will explore the advancements in automation and offer guidance on selecting the optimal telemetry option for your project. The seminar will conclude with an in-depth look at software tools and best practices for data management.

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### Seminar Agenda

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- 8:30 – 9:00 AM **BREAKFAST:** Provided at the venue
  - 9:00 – 9:15 AM Introduction to MEMs technology
  - 9:15 – 9:30 AM Tilt Monitoring
  - 9:30 – 10:30 AM Manual Inclinometers: System components, operation, and best practice.
  - 10:30 – 10:45 AM **COFFEE BREAK:** Provided at the venue, with snacks
  - 10:45 – 12:00 AM In-Place Inclinometers (IPIs): System components, operation, and best practice
  - 12:00 – 1:00 PM **LUNCH:** Provided at the venue
  - 1:00 – 1:30 PM Evolution of Data Collection & Automation
  - 1:30 – 2:00 PM Telemetry Options & Selection
  - 2:00 – 2:30 PM Best Practices for Data Presentation & Management
  - 2:30 – 2:45 PM **COFFEE BREAK:** Provided at the venue, with snacks
  - 2:45 – 3:15 PM Agent Software: Overview and Data Demonstration (+Exercise)
  - 3:15 – 3:30 PM Inclinometer Casing: Design overview and installation considerations
  - 3:30 – 4:00 PM Magnetic Extensometers
  - 4:00 – 5:00 PM GKM Case Study, Final Questions and Closing
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**Cancellation Policy:** *Cancellations can be made up until the November 18, 2024 deadline.*

*Refunds are subject to a 5% processing fee. Cancellations made after November 18, 2024 will not receive a refund.*

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