

# 128<sup>th</sup> ANNUAL GENERAL MEETING

Wednesday, February 26<sup>th</sup> to Friday, February 28<sup>th</sup>, 2020

Deerhurst Resort, Huntsville, ON



## INVITATION FROM THE CHAIR



It is my pleasure to invite you to the 128<sup>th</sup> Annual General Meeting of the Association of Ontario Land Surveyors, scheduled for Tuesday, February 25 to Friday, February 28, at Deerhurst Resort in beautiful Huntsville.

This year's meeting theme is **"Manage Your Risk"**, which applies not only to the AOLS as a regulator, but also to our individual members. Much of the content of the conference will be centered around public risks that we face as a regulator and as individual members. Members will find topics that will allow them to better understand their own risks and help strengthen their practices.

This year's AGM is shaping up to be a great one! Tuesday night will kick off the AGM with the ever-popular Meet and Greet. This will be hosted in the Compass Grill and Lounge beside the main lobby.

The AGM will officially start on Wednesday. After the opening ceremonies we will have our first Plenary Session. That morning we will have our Keynote Speaker, Darrel Pink, a former CEO of the Nova Scotia Law Society who will speak to the changing expectations of regulators. In the afternoon there will be two Plenary Sessions. The first one will be presented by Vern Singhroy and Carl Pucci on Canada's RADARSAT Constellation. The second one will be a practical session on Minimizing Your Risks presented by Mark Sampson, John Breeze and Graeme Holland.

Our Veterans' Reception will begin at 6:00 pm on Wednesday and will be directly followed by our traditional Veterans' Dinner starting at 7:00 pm. The Exhibitors' Welcoming Party will also be held on Wednesday night starting at 7:30 pm. This event will be held in the Exhibit Hall and is an opportunity for everyone to support our exhibitors and catch up with friends.

Thursday is our educational day. The day will be filled with 5 Concurrent Learning Sessions available for you to choose from. Some of these will repeat both morning and afternoon, so you will have an opportunity to pick and choose the ones you wish to attend. This year we have included a greater number of technical sessions, with some that are led by vendors, to provide you with technical knowledge updates.

On Thursday, please plan to attend the Convocation Lunch and support our newly commissioned surveyors! The Charge to the new Surveyors will be delivered by Julia Meldrum-Smith, OLS, CLS who is also the Practice Review Manager for the Association of Canada Lands Surveyors. This day concludes with the formal President's Dinner and Dance featuring a live band, Flathead Ford.

We will conclude the AGM on Friday with our usual business meetings and the Open Forum. **Your attendance at most of the events counts towards your Continuing Professional Development.** Please see the Schedule of Events below for details on CPD hours and categories.

Plan to stay an extra night or two and take in the abundance of winter activities that Muskoka has to offer. There are many opportunities for downhill and cross-country skiing as well as snowshoeing, skating, and even ice fishing.

Looking forward to seeing you there.

*Mel Truchon, AGM Chair (2020)*

## SCHEDULE OF EVENTS

### TUESDAY, FEBRUARY 25, 2020

7:30 pm – midnight Meet & Greet  
(Compass Grill and Lounge)

### WEDNESDAY, FEBRUARY 26, 2020

8:00 am Exhibits Open / Coffee in the Exhibit Hall  
8:30 – 10:00 am Opening Ceremonies and Plenary Session  
1.5 CPD Hours – Meeting Attendance

9:30 am – 4:00 pm *Accompanying Persons' Program:*  
Sugarbush Hill Maple Farm, Lunch,  
Group of Seven Walking Tour,  
Downtown Huntsville Shopping

10:00 – 10:30 am Coffee Break  
10:30 – 11:30 am **Keynote Address: "Re-thinking Professional Regulation - what's really important?"**

11:30 am – 12:00 pm Introduction of Exhibitors  
1.5 CPD Hours – Meeting Attendance

12:00 – 1:00 pm Lunch with the Exhibitors  
1:00 – 5:00 pm Exhibitor Presentations  
1 CPD Hour each - Formal

1:00 – 2:30 pm Plenary Session  
• **Canada's RADARSAT Constellation Mission: Opportunities for Monitoring**  
1.5 CPD Hours – Formal

2:30 – 3:00 pm Coffee Break  
3:00 – 5:00 pm Plenary Session  
• **Minimize your Risks – Lessons from our Insurance Program**  
1 CPD Hour – Formal

• **Open Forum (Part 1)**  
1 CPD Hour - Meeting Attendance

5:30 – 6:00 pm Reception for Veterans' Dinner  
6:00 – 8:00 pm Veterans' Dinner  
7:30 – 11:00 pm Exhibitors' Welcoming Party

**Total CPD hours for full-day attendance:  
2.5 Formal hours and 4 Meeting Attendance hours**  
*If attended Exhibitor Presentation(s) in lieu of an AOLS activity,  
please adjust your CPD hours accordingly.*

### THURSDAY, FEBRUARY 27, 2020

7:30 – 8:30 am Copyright Enforcement Group Meeting  
7:30 – 8:30 am Discipline Committee Meeting  
7:30 – 8:30 am Educational Foundation Meeting of Members  
7:30 – 8:30 am ACLS Meeting (Ontario Chapter)  
7:30 – 8:30 am Municipal Surveyors Meeting

1 CPD Hour each – Meeting Attendance

8:00 am Exhibits Open / Coffee in the Exhibit Hall  
9:30 am – 3:30 pm *Accompanying Persons' Program:*  
Essential Oils Workshop (9:30 - 11:30 am)  
Nature Walk (2:30 - 3:30 pm)

10:00 am – 5:00 pm Exhibitor Presentations  
1 CPD Hour each - Formal

8:30 – 10:00 am Concurrent Learning Sessions  
*Choose one of the following topics:*

- 1) **Canadian Geodetic Survey – Supporting Accurate Positioning in Ontario** (Brian Donahue)
- 2) **Business Communications – Best Practices** (Julia Meldrum Smith)
- 3) **Minimize Your Risk in Boundary Evidence Research** (Anne Cole)
- 4) **Automated Deformation Monitoring” and “Hybrid Positioning – combined GNSS and Robotic Total Station, workflow”** (Dilip Lal and Alan Jones – Sokkia)

1.5 CPD Hours each – Formal

10:00 – 10:30 am Coffee Break

10:30 am – 12:00 pm Concurrent Learning Sessions  
*Choose one of the following topics:*

- 1) **Canadian Geodetic Survey – Supporting Accurate Positioning in Ontario** (Brian Donahue)
- 2) **Business Communications – Best Practices** (Julia Meldrum Smith)
- 3) **Minimize Your Risk in Boundary Evidence Research** (Anne Cole)
- 4) **UESI Updates on the ASCE 38 and SUE for Municipalities Recent Release** (Blaine Hunt)

1.5 CPD Hours each – Formal

11:15 am – 12:15 pm Reception for New Surveyors

|                             |  |
|-----------------------------|--|
| 12:30 – 2:30 pm             | Convocation Lunch<br>• Address by Julia Meldrum Smith  |
| 2:30 – 3:00 pm              | Coffee Break   |
| 3:00 – 4:30 pm              | Concurrent Learning Sessions<br>Choose one of the following topics:                          |
| 1)                          | <b>Canadian Geodetic Survey – Supporting Accurate Positioning in Ontario</b> (Brian Donahue) |
| 2)                          | <b>Business Communications – Best Practices</b><br>(Julia Meldrum Smith)                     |
| 3)                          | <b>Minimize Your Risk in Boundary Evidence Research</b><br>(Anne Cole)                       |
| 1.5 CPD Hours each – Formal |  |
| Time TBA                    | Hockey Night with Cansel   |
| 6:00 – 7:00 pm              | President's Reception  |
| 7:00 – midnight             | President's Dinner & Dance (formal)  |

**Total CPD hours for full-day attendance:  
4.5 Formal hours**

*If attended Exhibitor Presentation(s) in lieu of an AOLS activity, or if attended one of the early morning meetings, please adjust your CPD hours accordingly.*

## FRIDAY, FEBRUARY 28, 2020

|                     |  |
|---------------------|--|
| 7:00 am             | Annual Women Surveyors' Breakfast  |
| 8:00 am             | Coffee in the Hallway  |
| 9:00 – 10:00 am     | Accompanying Persons' Breakfast  |
| 10:00 am – 12:00 pm | Accompanying Persons' Program:<br>Hip Hop Class and Snowshoeing  |
| 8:30 – 10:00 am     | Business Session <ul style="list-style-type: none"> <li>• President's Report</li> <li>• Surveyor General's Report</li> <li>• Financial Report</li> <li>• Executive Director's Report</li> <li>• Registrar's Report</li> <li>• SRD Manager's Report</li> <li>• Committee Reports</li> </ul> |
| 10:00 – 10:30 am    | Coffee Break   |
| 10:30 am – 12:00 pm | Plenary Business Session <ul style="list-style-type: none"> <li>• <b>Fees for Field Notes Task Force</b></li> <li>• <b>Open Forum (Part 2)</b></li> <li>• AGM Chair's Report</li> <li>• Introduction to 2021 AGM</li> </ul>  |

**Total CPD hours for full-time attendance:  
3 Meeting Attendance hours**

**PLEASE RESERVE YOUR ROOM AT THE DEERHURST RESORT BY NO LATER THAN JANUARY 25, 2020, OR WE CANNOT GUARANTEE YOUR ROOM RATE.**

[Click here](#) to reserve your room online at the special AOLS rate.

Please note that the link will show the dates for the block of rooms from Tuesday, Feb. 25 to Friday, Feb. 28, 2020.

It will not show any pre/post nights; those will need to be requested via phone: 1-800-461-4393.

**This link will work until we reach the contracted cut-off date of January 25<sup>th</sup> or the block fills... whichever comes first!**

Deerhurst Resort  
1235 Deerhurst Dr., Huntsville, ON, P1H 2E8  
<https://deerhurstresort.com>

## TUESDAY, FEBRUARY 25<sup>th</sup>

**MEET & GREET** 7:30 pm - midnight

If you are arriving on Tuesday, join your colleagues for a **Meet & Greet** at Compass Grill and Lounge (beside the main lobby).

## WEDNESDAY, FEBRUARY 26<sup>th</sup>

**EXHIBIT HALL** 8:00 am - 11:00 pm

Coffee is always available in the Exhibit Hall (Legacy Hall). Please take advantage of the coffee breaks and any free time to visit the Exhibitors' booths.

**OPENING CEREMONIES** 8:30 – 10:00 am

- Opening remarks by President Al Jeraj
- O Canada – led by Dave Horwood
- First Nations' Welcome/Opening
- Welcoming remarks by Deputy Minister Monique Rolf von den Baumen-Clark
- Introduction of current Council Members
- Introduction of Sponsors
- Introduction of Guests
- Rules of Order
- Introduction of New Councillors
- Approval of Minutes of Last Meeting
- Commission Reports
- Tribute to deceased members



Coffee Break: 10:00 – 10:30 am

## PLENARY SESSION

10:30 am – 12:00 pm

**Keynote Address:**  
**“Re-thinking Professional Regulation –  
what’s really important?”**

Presenter: **Darrel Pink**



Darrel I. Pink, of the Nova Scotia Bar, recently retired as Executive Director of the Nova Scotia Barristers’ Society, a position he held from 1990 to 2018. Darrel carried out the Society’s Strategic Framework and led the initiative to transform the regulation and governance of the legal profession in Nova Scotia. In his time as CEO of the legal regulator, Darrel led significant initiatives involving justice, human rights and equity

initiatives, access to justice and enhancing the administration of justice, and governance reform and organizational effectiveness.

Darrel teaches professional responsibility at the Schulich School of Law at Dalhousie University, and has been a frequent presenter to other law societies across Canada and internationally as well as at organizations such as the Canadian Network of Agencies for Regulation (CNAR) and the Council on Licensure, Enforcement and Regulation (CLEAR).

He has regularly participated in the work of the Federation of Law Societies of Canada. He was most recently a member of the Federation’s Model Code of Conduct Committee and the National Admission Standards Steering Committee.

In 2012, Darrel co-edited a book, *Why Good Lawyers Matter* (Toronto: Irwin Law), with the Hon. Justice Thomas A. Cromwell, Supreme Court of Canada, and David L. Blaikie, Assistant Professor, Schulich School of Law.

Darrel is practising in association with Steinecke Maciura LeBlanc.

## INTRODUCTION OF EXHIBITORS

11:30 am – 12:00 pm

Introduction of Exhibitors will take place at this time.

## LUNCH WITH EXHIBITORS

12:00 – 1:00 pm

Our Exhibitors are a very important part of our annual meeting year after year. Please take the opportunity to show your appreciation by joining the Exhibitors for lunch and visiting with them at their booths.

## ACCOMPANYING PERSONS’ PROGRAM:

Sugarbush Hill Maple Farm, Lunch, Group of Seven  
Walking Tour, and Downtown Huntsville Shopping

9:30 am – 4:00 pm

### Sugarbush Hill Maple Farm

9:30 am – 12:00 pm

At 9:30am, the Accompanying Persons will board the bus at the hotel to the Sugarbush Hill Maple Farm.



Experience the complete maple process as we go through the steps of how maple syrup is made. One of the largest maple antique and artifact collections in all of Ontario is on display and seen throughout the maple tour with some of their histories discussed for your added in-depth enjoyment.

Depart the Sugarbush Hill Maple Farm at 12:00 pm for lunch at **The Mill on Main** Restaurant.

### Group of Seven Walking Tour

1:30 – 2:30 pm



Embark on a mesmerizing adventure to view stunning landscapes of Algonquin Park and the Canadian wilderness through the eyes of Tom Thomson and the painters known as The Group of Seven. The outdoor gallery is a unique public exhibit which features mural reproductions of masterpiece paintings by these renowned artists.

### Shop Downtown Huntsville

2:30 – 3:30 pm

Huntsville, Ontario is geographically located on the Canadian Shield and is a popular destination for travellers worldwide. It is the traditional ancestral territory of the Anishinaabe, specifically the

Ojibwa, Chippewa and Algonkin people, under the Williams Treaty of 1923. The town offers a variety of artisan and specialty craft stores that will fulfill any shopper's dream.

Accompanying Persons should be ready to have lots of fun!

## EXHIBITOR PRESENTATIONS 1:00 – 5:00 pm

When you get a chance, drop by the draped area inside the Exhibit Hall where **45-minute presentations from the Exhibitors** will be taking place. Take this opportunity to learn about new and emerging technologies and to talk to the experts about implementing efficiencies that will give you a competitive edge.

A *schedule of presentations* will be posted outside the draped area inside the Exhibit Hall.

## PLENARY SESSION 1:00 – 2:30 pm

### Canada's RADARSAT Constellation Mission: Opportunities for Monitoring

#### Presenters:

*Dr Vern Singhroy, P. Eng., Canada Centre for Remote Sensing and Carl Pucci, Principal, Ovela Group, US*

#### Moderator: Hugh O'Donnell, OLS

Canada launched RADARSAT 1 in 1995 and RADARSAT 2 in 2008. The RADARSAT Constellation Mission (RCM) was launched on June 12, 2019.

RCM consists of three identical C-band radar satellites flying in a constellation. RCM will provide complete coverage of Canada's land and oceans offering daily revisits of nearly all of the globe. The main objective of the RADARSAT Constellation Mission is to meet Government of Canada User Department's needs and requirements for Maritime Surveillance, Disaster Management, Ecosystem Monitoring and Northern Development.

The rapid revisit time of a particular area from RCM will allow the monitoring and measuring of millimetre land motion every 4 days using radar interferometric techniques (InSAR). Recent research has shown that satellite radar interferometry techniques are increasingly being used for monitoring rates of land movement triggered by geohazards floods, climate change, etc. There is an increasing interest in these innovative monitoring technologies by the geospatial and geotechnical communities. The InSAR monitoring techniques are also becoming more widespread and reliable with rapid improvements in image processing, the availability of coherent ground targets and the more frequent revisits of radar satellites.

This presentation will focus on selective case studies to demonstrate the potential of InSAR for monitoring critical energy and transportation corridors and infrastructure as well as showing some other uses of RCM.



**Dr. Vern Singhroy** is the chief scientist of the Canadian Space Agency RADARSAT Constellation Mission. He is internationally recognized as a world leader on the uses of radar remote sensing images. Dr. Singhroy has published over 300 papers in scientific journals, proceedings, and books. He is also the co-editor of four books including of the Encyclopedia of Remote Sensing and was the editor-in-chief of the Canadian Journal of Remote Sensing. Dr. Singhroy received the prestigious Gold Medal Award from the Canadian Remote Sensing Society and the Queen Elizabeth Diamond Jubilee Medal for his contribution to Canadian and International Remote Sensing.



**Carl Pucci** grew up across the lake, in Rochester, grandson of NASA engineers, and a true fan of everything to do with Ontario, particularly maple leaf candies. Heading to Estonia shortly after an education in political science, he joined the first IT company in the country to launch their American operations at Ovela59.com. Carl is passionate about all things space; space food, spaceships, and particularly 1960s space clothing styles. He's had a fantastic journey from deploying the first Estonian e-Government and smart city systems in America, to revolutionising orbital radar (InSAR) as a way to predict flooding, infrastructure failure such as dams, bridges, and landslides. Carl believes that traditional surveying is enhanced, and synergistic, with remote sensing platforms, and is eager to explore the boundaries of these techniques. As a crazy dad, Carl is impact-driven to make sure little ones everywhere see space as something achievable; something that changes the world in everyday moments.

*Coffee Break: 2:30 – 3:00 pm*

## PLENARY SESSION & Open Forum (Part I)

3:00 – 5:00 pm

### "Minimize your Risks – Lessons from our Insurance Program"



**Mark Sampson**  
Senior Vice President  
of Commercial  
Insurance for Gallagher  
Canada



**John Breeze**  
Director,  
Professional  
Liability,  
Maltman Intl.



**Graeme Holland**  
Executive General  
Adjuster,  
Maltman Intl.

Every year the AOLS receives several insurance claims, some of which could have been avoidable. Although some of the techniques for avoiding claims may seem straightforward, others are more subtle. We need to learn from the mistakes of others before they become ours! This practical session provided by our insurer and adjusters will review common claims and offer suggestions to help you avoid future problems.

### Open Forum (Part 1)

The previous sessions were strategically placed to give you information so you can provide feedback during the Open Forum. Get your questions, concerns, suggestions, and any motions ready!

### GRADUATE STUDENT POSTER SESSION

This is the 14th year that the Educational Foundation is sponsoring a Graduate Student Poster Session. Geomatics-related research posters will be on display inside the Exhibit Hall. The posters will be judged, and awards presented on Thursday.

### VETERANS' RECEPTION 5:30 – 6:00 pm

Reception for the veterans and their accompanying persons.

### VETERANS' DINNER 6:00 – 8:00 pm

This event is open only to veterans and their accompanying persons.

"New" veterans - those members who have reached 25 years of being commissioned between last year's AGM and this one - will be recognized with "silver" commemorative pins and those who have reached 50 years of being commissioned will receive "gold" pins. Pins will also be presented to those members who were eligible to receive them last year but were not present at last year's Veterans' Dinner.

Please note that veterans may attend this function without registering for the balance of the AGM (***OLS numbers 1777 and earlier and CR 113 and earlier***).

*Please note that attendance at Exhibitors' Welcoming Party is included for those attending the Veterans' Dinner.*

### EXHIBITORS' WELCOMING PARTY 7:30 – 11:00 pm

Join us for the Welcoming Party in the Exhibit Hall.

Make sure you visit the Exhibitors who will be showcasing new technology, updates in software development and survey indexing initiatives.

Come out to meet with friends and colleagues and to **help the Educational Foundation by participating in a fundraising activity**. Your participation in this fundraising event allows the Educational Foundation to provide awards to a large number of students in several post-secondary Geomatics programs. We hope that you will take an active part in the activities.

During the Welcoming Party, the exhibitors will be donating prizes that will be displayed at their booths for the evening. Participants can purchase tickets and place them in containers located in the booths of their choice. Each exhibitor will draw for the winner of their prize at the end of the evening. The proceeds from the ticket sales will be donated to the Educational Foundation.

## THURSDAY, FEBRUARY 27<sup>th</sup>

### COPYRIGHT ENFORCEMENT GROUP

7:30 – 8:30 am

Annual meeting of the Copyright Enforcement Group.

### DISCIPLINE COMMITTEE MEETING 7:30 – 8:30 am

The Discipline Committee Meeting will be held at this time.

### EDUCATIONAL FOUNDATION MEETING

7:30 – 8:30 am

Please join us for the Educational Foundation Annual Meeting of Members. This is your opportunity to review the various Geomatics awards presented to students in 2019 and to bring forth new fundraising ideas for 2020.

### ACLS MEETING – ONTARIO CHAPTER

7:30 – 8:30 am

The ACLS meeting will be held at this time.

### MUNICIPAL SURVEYORS' MEETING 7:30 – 8:30 am

Municipal surveyors' meeting will be held at this time.

### EXHIBIT HALL 8:00 am – 5:00 pm

Coffee is always available in the Exhibit Hall (Legacy Hall). Please take advantage of the coffee breaks and any free time to visit the Exhibitors' booths.

### ACCOMPANYING PERSONS' PROGRAM:

Essential Oils Workshop 9:30 – 11:30 am

Nature Walk 2:30 – 3:30 pm

### Essential Oils Workshop

9:30 – 11:30 am



Many diseases are linked to toxic chemicals found in most houses. Learn how to reduce or eliminate the toxic chemicals in your home and live happier, healthier lives through this informative talk.



You will learn what type of chemicals to watch for and how they affect your body; what are essential oils and how they work, why quality matters and ways to reduce the toxic chemicals in your home. You will also participate in a DIY workshop to make some products that can be used in your home for pain relief, digestive comfort and cleaning supplies.

Accompanying Persons are welcome to register for and attend the **Convocation Lunch** (12:30 – 2:30 pm).

### **Nature Walk** 2:30 – 3:30 pm



Enjoy a casual walk through tight trails with beautiful surroundings. A guide will interpret the local wildlife, flora and fauna, and take you to a Lookout.

A camera is a must as the view from the top is spectacular.

### **EXHIBITOR PRESENTATIONS** 10:00 am – 5:00 pm

When you get a chance, drop by the posted locations where **45-minute presentations from the Exhibitors** will be taking place all day Thursday. Take this chance to learn about new and emerging technologies and to talk to the experts about implementing efficiencies that will give you a competitive edge. A *schedule of presentations* will be posted outside the draped area inside the Exhibit Hall.

### **CONCURRENT LEARNING SESSIONS** 8:30 – 10:00 am

This year, we have five, 1.5 hour-long **Concurrent Sessions for you to choose from**. Three of these sessions (“AOLS sessions”) will be repeated three times (at 8:30 am, 10:30 am and 3:00 pm), and the other two (“vendor sessions”) will be offered once each (one – at 8:30 am and the other one – at 10:30 am).

***Please remember to check off the sessions that you would like to attend when completing your online registration!***

#### **1. Canadian Geodetic Survey – Supporting Accurate Positioning in Ontario**



**(Brian Donahue, Team Leader, Surveyor General Branch, Natural Resources Canada)**

The Canadian Geodetic Survey (CGS) of Natural Resources Canada (NRCan) is responsible for defining, maintaining, and providing access to the Canadian Spatial

Reference System (CSRS). The CSRS provides a consistent reference for mapping, navigation, boundary demarcation, and other georeferenced applications in Canada. In recent years, the evolution of precise GNSS services such as CSRS-PPP and commercial RTK have provided surveyors with efficient techniques to access the CSRS. As these services evolve and the processing becomes even more transparent, it's important that users continue to validate their solutions. This presentation will highlight some recent CGS developments including the modernized CSRS-PPP service for precise positioning and the NRCan compliance program for commercial RTK services. It will also discuss some practical ways that users can validate their GNSS solutions (both PPP and RTK), and it will finish by taking a look at the future including the upcoming reference frame changes in the U.S., and how they may affect Ontario surveyors.

#### **2. Business Communications – Best Practices** **(Julia Meldrum Smith, OLS, Meldrum Surveying Limited)**



The focus of this presentation/workshop will be Business and Client Communications from a Risk Management Perspective. This seminar will provide clear reasons why good business communication is important and will provide you with suggestions and tools to incorporate into your daily business activities. All participants will leave with a digital manual.

#### **3. Minimize Your Risk in Boundary Evidence Research** **(Anne Cole, OLS)**

A land surveyor's role in connecting "title" to the real world lies at the heart of our work. The Ontario land registration system is a treasure trove of evidence about boundaries. How do you know if you have found it all? How far back in history do you need to go? This session will tell tales of lost and found evidence. It will shine a light on some valuable tools and research approaches to support your decision-making on the location of a boundary. It will challenge you to consider when you have done “enough” and can form an opinion.



**J. Anne Cole**  
B.Sc. Survey Sciences, University of Toronto 1980; Ontario Land Surveyor 1982; Canada Lands Surveyor 2000

Anne has forty years of experience in land surveying, including straightforward and complex boundary surveys.

She has served for seven years as Assistant Examiner of Surveys with the Ontario government, including hearings under the Boundaries Act, problem solving on complex boundary and records issues, and supporting the automation of Ontario Land Registry records. Currently, Anne is working as a consultant and project manager for government, lawyers and the land surveying industry with a specialization in research and report preparation for the resolution of boundary disputes.

#### 4. “Automated Deformation Monitoring” and “Hybrid Positioning – combined GNSS and Robotic Total Station, workflow”

##### “Automated Deformation Monitoring”



*Presenter: Alan Jones*, Senior Business Development Manager for Sokkia Topcon and a specialist in 3D Monitoring

Survey is the only way to get true 3D deformation. Manual survey has been used extensively for monitoring for a long time. The development of robotic total stations allows the deployment of total stations for

24/7/365 unattended deformation monitoring.

This presentation will cover the following topics:

- Total Station Hardware
- Control Hardware & Software
- Network Design (control prisms and multi-stations)
- Prism Types and their Applications
- Data Processing (network adjustment)
- 3rd-Party Data Management

##### “Hybrid Positioning – combined GNSS and Robotic Total Station, workflow”



*Presenter: Dilip Lal*, Director, Sales and Operations, Sokkia Corporation Canada

- 2 Hardware products fused together with a single software
- A GNSS Receiver and a Robotic Total Station
- Designed to provide a powerful and complete HYBRID survey system
- Integrate your robot to the GPS to work with Grid System Coordinates

- Localize your GPS to your total station to work in ground coordinates
- Seamlessly switch between both systems at the press of a button
- Use the RTK GNSS unit to guide and lock the robot to your 360 prism instantly

*Coffee Break: 10:00 – 10:30 am*

## CONCURRENT LEARNING SESSIONS

10:30 am – 12:00 pm

**Please remember to check off the sessions that you would like to attend when completing your online registration!**

1. Canadian Geodetic Survey – Supporting Accurate Positioning in Ontario
2. Business Communications – Best Practices
3. Minimize Your Risk in Boundary Evidence Research
4. UESI Updates on the ASCE 38 and SUE for Municipalities Recent Release

**Sessions 1 to 3 – please see the descriptions above.**

### Session 4: UESI Updates on the ASCE 38 and SUE for Municipalities Recent Release

UESI of ASCE is now in the process of updating the ASCE 38. This document is a key part of the Transportation Association of Canada Utility Coordination and Utility Relocation guidelines that shaped the use of utility information since its release in 2002. In 2020, the re-released long-awaited update is being published. This update has provided many needed clarifications and focus on the newer technologies and our current realities with bigger larger projects and the awareness of utility impacts. Along with this new document, UESI has as well come up with a document SUE for municipalities and Right Of Way (ROW) owners. This recently released document will guide the municipalities and ROW owners in how to use and how to procure SUE within their projects. The new document would complement the existing TAC UCUR guidelines and ASCE 38.



**Blaine Hunt** is a Principal and Senior Project Manager at T2 Utility Engineers in Whitby. Blaine is a licensed professional engineer with over 20 years of experience in project management. His background includes utility and infrastructure projects, consulting engineering and industrial manufacturing. Blaine brings his experience in the Utility Engineering



industry and has co-authored articles on the subject of Subsurface Utility Engineering. Away from work, Blaine enjoys coaching his son's hockey team, watching his daughter's figure skating, and cycling with his wife. Blaine joined the inaugural UESI board in 2018.

### CONVOCATION LUNCH 12:30 – 2:30 pm

The Convocation Lunch honours and introduces Ontario Land Surveyors who have received their commissions since the 2019 convention.

The **Charge to the New Surveyors** will be provided by:

**Julia Meldrum Smith**, OLS, Meldrum Surveying Limited

Julia Meldrum Smith is a professional land surveyor with both federal and provincial (Ontario) licenses. She has been surveying Stormont, Dundas, and Glengarry since she took over the family business in 1996. In addition to running a private practice, Julia is also the Practice Review Manager for the Association of Canada Lands Surveyors.

Coffee Break: 2:30 – 3:00 pm

### CONCURRENT LEARNING SESSIONS 3:00 – 4:30 pm

**Please remember to check off the sessions that you would like to attend when completing your online registration!**

1. Canadian Geodetic Survey – Supporting Accurate Positioning in Ontario
2. Business Communications – Best Practices
3. Minimize Your Risk in Boundary Evidence Research

### HOCKEY NIGHT WITH CANSEL



The 16th annual hockey game at the AGM will take place where it all began in 2005!

As always at Deerhurst, **the game will take place on one of the outdoor ice pads on Thursday at dusk.**

Deershurst doesn't take reservations for these rinks, so **please see Pat Hills at Cansel's booth** during the AGM for more details.

Pat can be reached at [pat.hills@cansel.ca](mailto:pat.hills@cansel.ca)

### PRESIDENT'S RECEPTION 6:00 – 7:00 pm

Please join us in the Rotunda for the President's Reception.

### PRESIDENT'S DINNER & DANCE (Formal) 7:00 pm – midnight

Back by popular demand, the Thursday President's Dinner & Dance will take place in the Peninsula Room.

Enjoy a delicious dinner, get a chance to see the new President being sworn in, and have a blast on the dance floor!

Entertainment will be provided by the band "**Flathead Ford**"

**Please note that one of the band members is our own AOLS member Bill Webb from Sault Ste. Marie!**



FLATHEAD FORD is a dedicated group of three musicians who have immersed themselves in the "golden era" of Rock n' Roll. The band has played numerous venues and events such as Relay for Life, Wheels on the Water Car Show, Rotary fest "The Stage", Shadows of the Mind Film Festival, Elliot Lake Fundraiser, Kagawong Summerfest, as well as many other themed music events, private parties, car shows, cruise nights and dances.

Their current set list contains well over 100 songs by such artists as Elvis, Chuck Berry, Gene Vincent, Little Richard, Fats Domino, the Beatles and the Beach Boys only to name a few. These guys play full throttle and we're looking forward to taking a ride with Flathead Ford!

To get a taste of Flathead Ford's music, please check out this YouTube video: <https://www.youtube.com/watch?v=dFODS2kksEQ>

## FRIDAY, FEBRUARY 28<sup>th</sup>

### ANNUAL WOMEN SURVEYORS' BREAKFAST

7:00 am

Women surveyors will meet for breakfast at the Eclipse Restaurant (private area).

### Coffee

8:00 am

Please note there will be **no exhibits** on Friday.  
Coffee will be available in the hallway.

### ACCOMPANYING PERSONS' BREAKFAST

9:00 – 10:00 am

Breakfast at the Eclipse Restaurant (private area).

### ACCOMPANYING PERSONS' PROGRAM:

Hip Hop Class and Snowshoeing

10:00 am – 12:00 pm

#### Hip Hop Class

10:00 – 11:00 am



A professional dance instructor will lead you through an upbeat and fun dance class. After learning a few moves like the 'floss', you might be the coolest mom or dad on the block!

#### Snowshoeing

11:00 am – 12:00 pm

Snowshoeing: take in the beautiful sites Deerhurst has to offer.

### BUSINESS SESSION

8:30 am – 12:00 pm

8:30 – 10:00 am **Reports**

- President's Report
- Surveyor General's Report
- Financial Report and 2020 Budget
- Executive Director's Report
- Registrar's Report
- SRD Manager's Report
- Committee Reports

10:00 – 10:30 am Coffee Break

10:30 am – 12:00 pm **Plenary Business Session**

- **Fees for Field Notes Task Force Report**
- **Open Forum (Part 2)**

The previous sessions were strategically placed to give you information so you can provide feedback during the Open Forum. Get your questions, concerns, suggestions, and any motions ready!

- Introduction of Out of Town Guests
- AGM 2020 Chair's Report
- Introduction to next year's AGM
- Closing Ceremony

## REGISTRATION

Please note that we are accepting registrations for the 2020 AGM online only.

Please follow this link to register online: [https://events.myconferencesuite.com/AGM\\_2020/reg/landing](https://events.myconferencesuite.com/AGM_2020/reg/landing)

For online registration instructions, please [click here](#)

## REGISTRATION FEES

\*\*\* Please note the 3% Credit Card Convenience Fee has been waived this year \*\*\*

### CONFERENCE REGISTRATION

|  | PRICE                | HST     | TOTAL    |
|--|----------------------|---------|----------|
| Postmarked on or before Saturday, January 25                                       | \$385.00             | \$50.05 | \$435.05 |
| Postmarked Monday, January 27 or later   | \$500.00             | \$65.00 | \$565.00 |
| Non-Members  | \$500.00             | \$65.00 | \$565.00 |
| <b>Articling/Geomatics Students, Retired Members and AERC Evaluated Candidates</b> | <b>Complimentary</b> |         |          |

### TUESDAY, FEBRUARY 25<sup>th</sup>

Meet & Greet Complimentary

### WEDNESDAY, FEBRUARY 26<sup>th</sup>

*Accompanying Persons' Program* \$20.00 \$2.60 HST **\$22.60**  
*(Sugarbush Hill Maple Farm, Lunch, Group of Seven Walking Tour, Downtown Huntsville Shopping)*

Lunch with the Exhibitors \$40.00 \$5.20 HST **\$45.20**  
Veterans' Dinner \$75.00 \$9.75 HST **\$84.75**  
Welcoming Party \$35.00 \$4.55 HST **\$39.55**

### THURSDAY, FEBRUARY 27<sup>th</sup>

*Accompanying Persons' Program* \$30.00 \$3.90 HST **\$33.90**  
*(Essential Oils Workshop and Nature Walk)*  
Convocation Lunch \$75.00 \$9.75 HST **\$84.75**  
President's Dinner & Dance \$100.00 \$13.00 HST **\$113.00**

### FRIDAY, FEBRUARY 28<sup>th</sup>

*Accompanying Persons' Breakfast* \$25.00 \$3.25 HST **\$28.25**  
*Accompanying Persons' Program* \$25.00 \$3.25 HST **\$28.25**  
*(Hip Hop Class and Snowshoeing)*

## CPD Hours

- Please note that CPD hours for attending the AGM will **not** be automatically added to your CPD record.
- Each member's total hours will depend on which parts of the AGM they will attend. Please consult the *Schedule of Events on pages 2-3* of this package for indication of how many hours various parts of the AGM qualify for, and in which categories.
- After attending the AGM, please submit your CPD hours through our online CPD tracking system. **You only have to make two entries:** one for the **total** number of *Formal* hours and one – for the **total** number of *Meeting Attendance* hours.

\*\*\*The event for which you are registering may be recorded, in whole or in part, and in consideration of your participation you agree to hereby grant to AOLS a non-exclusive licence to publish, distribute, display and represent any recording of your voice and any photograph or video of your likeness and image, in any analog or digital form, in any publication published by AOLS, and on any website of AOLS, in perpetuity, and for no additional compensation.