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## Message from the President, Robert Pinkerton

[From a speech originally given at NSC 2019 in Halifax, N.S.]

Dear Member, I am honoured to have been elected President of the Association of Canada Lands Surveyors.

I am a surveyor from Alberta, where I grew up. It is also the province in which I first became commissioned as a land surveyor, but it is not where I started. I was born on the West coast, and then spent several years in the Maritimes. I still remember my father traveling from our home in Moncton to a far away place called Halifax -- I am not convinced that I knew Moncton was in New Brunswick and that Halifax was in an entirely different province, but I was only 4 at the time. Truth be told, the memory that is strongest in my mind of those years is of 30-foot-tall snow banks in my front yard; of course I was only three feet tall at the time, so I am pretty sure there was a scale factor issue there.

I joined the ACLS family in 2007. It was the lack of a township plan in the middle of the province of Alberta that made me curious about Canada Lands. The township in question had been originally surveyed as a reserve, but was subsequently surrendered. The provincial system did not have a copy of that plan in the

normal location where I would look so I delved deeper and found it in the CLSR. Quickly thereafter I contacted the ACLS and signed up as a candidate -- the rest, as they say, is history.

I have volunteered on at least one committee of the ACLS ever since I received my commission. I have learned so much from those meetings about how to work in the Canada Lands Survey System, but more importantly how to treat people with respect, to see things from other viewpoints, and to keep an open mind even when I feel strongly about an issue. I would like to thank each and every volunteer - you are the lifeblood of the Association and without you, we would not function.

I also would like to thank both my wife Carrie and my partners at Universal Geomatics Solutions who have supported me through my time on Council and continue to support me in this role.

Now let me speak for a moment about the year ahead. You all know that times are changing; government and the public have greater expectations of us than ever before. Open and transparent governance is now a requirement, not an option. We are privileged to practice as Canada Lands Surveyors, and we cannot take this for granted. The Association must be mindful of this in all its actions.

We are active in implementing our new 3 year plan, which goes hand in hand with our new strategic plan. Council is committed to:

- Foster the relationship between First Nation communities and the surveying profession;
- Communicate the role and value of land surveying to the public;
- Consult with related organizations and collaborate on common issues and goals;
- Engage, motivate and grow a diverse and robust membership.

That should be enough to keep us busy this year!

I am looking forward to this upcoming year and the challenges ahead, to hearing new voices and old voices on council and working together as a team to address the issues that we already see and to solve the problems that have not yet arisen.

Maybe I am an optimist but I feel like we are making really great progress here. I can say without a shred of doubt that we will succeed in anything that we put our minds to solving.

Thank you.

Robert Pinkerton ALS, BCLS, CLS, SLS, P. Eng.



Robert Pinkerton on the right presenting a gift to Past President Dominique Fecteau

#### The 2019-2020 Council

The following Council was confirmed at the AGM:

POSITION	NAME	HOME
President	Robert Pinkerton	Calgary, Alberta
Past President	Dominique Fecteau	Mont-Tremblant, Québec
Vice President	Jim Christie	Vancouver, British Columbia
3 <sup>rd</sup> Year Councillor	Philippe J. Breau	Néguac, New Brunswick
2 <sup>nd</sup> Year Councillor	Bob Halliday	Massey, Ontario
1st Year Councillor	Max Putnam	Corman Park, Saskatchewan
Appointed by Minister	Geoffrey Connolly	Cornwall, Prince Edward Island
Appointed by Minister	Leona Irons	Curve Lake, Ontario
Surveyor General	Jean Gagnon	Ottawa, Ontario

### **New CLSs**

Congratulations to the following people who were awarded a CLS Commission since the last issue of Communique:

- Tania L. Gosselin, Whitehorse, Yukon
- Cathy Wilson, Calgary, Alberta
- Michelle Merrick, St. Albert, Alberta
- Veronica Meister, Williams Lake, British Columbia
- Michael Joseph MacMaster, Igaluit, Nunavut
- Maryna Hanna, Ottawa, Ontario
- Gregory Clifford, Abbotsford, British Columbia
- Jordan Rees, St. John's, Newfoundland
- Czarina Marquez, Delta, British Columbia
- Courtney Roddick, Amherst, Nova Scotia
- Renée Tardif, Ottawa, Ontario
- Saeid Sedaghat, Carp, Ontario
- Danu Vandermark, North Vancouver, British Columbia

#### The ACLS Staff

It was quite a hectic year for ACLSs human resources. Last spring we changed the job description of the position held by Jared Broughton, so he was recently replaced by Jenny Cooper in the new position of Membership Services Coordinator who began on July 8<sup>th</sup>. Jenny has a lot of experience in event planning having work as the Event Manager for the Cordon Bleu cooking school for more than 3 years and for other organisations as well. She also has many years of experience as an administrative assistant.

To add to our HR issues, Teri McKay health condition worsened late last summer after a car accident a few years ago. Therefore, she is now on medical leave at this time; we have no idea when she will return. Marina Yong has been hired since last October on a temporary basis as Administrative Assistant.

## **Scholarship Winners**

Every year, the ACLS Foundation awards scholarships. This year it decided to award 4 of \$1,750 to students enrolled in a postsecondary institution in the field of Geomatics. One of the 4 is reserved for a female student.

#### 2019 Winners of the ACLS Foundation Scholarship in alphabetical order:



Andreas Brown 4<sup>th</sup> year at the University of Calgary Geomatics Engineering



David Borja 2<sup>nd</sup> year at the BCIT Geomatics Engineering Technology



Cody DeRoach NSCC COGS Geomatics Engineering Technology



Kara Sanford
University of New
Brunswick
3<sup>rd</sup> year Bachelor of Science
in Engineering

Visit our website at <a href="https://www.acls-aatc.ca/students-home/scholarships/">https://www.acls-aatc.ca/students-home/scholarships/</a> for additional information about the Geomatics Scholarship Program and eligibility requirements.

#### **New ACLS Book**



In November 2018, the Association of Canada Lands Surveyors Council decided to go ahead with the production of its first book on the CLS profession to be written by acclaimed author Charlie Wilkins. The decision to go ahead was made after receiving assurances that we have gathered enough financial commitments to cover at least 75% of estimated total cost. At this time, we have not received all the funds committed. We are at 70%.

The overall objective of this publication is to provide a captivating and varied experience for its readers. Through the delivery of a variety of independent inviting elements that are relevant to the interests of the Association, each reader can expect to immerse themselves into a book that provides a sense of curiosity and indulgence from start to finish.

Charlie is presently travelling the country meeting and interviewing CLSs to gather great stories and photos for the book

This new publication will be available in the summer of 2020.

We urge Individual Members, Suppliers, Firms and Regional Groups to take this opportunity to contribute to the publications of our book by becoming a sponsor. That said, we have various sponsorship packages available to defray most of the production costs. The packages are shown in the sidebar.

If you want to be a sponsor, please send an e-mail to executivedirector@acls-aatc.ca with a note on the package you selected.

#### GeoEd

Recognizing the geographically diverse nature of surveyors across Canada, the ACLS is enhancing the delivery of continuing professional development through distance learning initiatives. This includes courses offered through partnership with sister associations, academic institutions, government, and private companies and all available through the GeoEd portal.

The GeoEd portal is currently being filled by on-line courses on a variety of topics that are available at a click of the mouse. At this time there are over 150 courses available on GeoEd. These courses include live, interactive webinars but most courses are fully self-study with recorded video and other digital materials. Surveyors are able to sign up for any course and complete it at their leisure.

At the beginning of each month since last September, an e-newsletter was sent to all members and each sister association announcing additions and changes to the GeoEd Store as well as upcoming face-to-face and online courses. Please read those messages and keep up with recording your CPD activities on the GeoEd MCPD tracking system. A new association has recently joined the GeoEd tracking system, the Saskatchewan Land Surveyors Association. Others are seriously considering joining.

Please visit GeoEd at: www.geoed.ca .

# **Honorary Life Membership**

On May 2<sup>nd</sup>, during the ACLS Business Meeting at the Halifax National Conference, an Honorary Life Membership was awarded to Jean-Claude Tétreault, CLS, a.-g. (ret.), MBA. J.C.'s bio was presented by Marie Robidoux and the following is a summary of Marie's speech:

This member is very well educated:

- In 1979 he received a degree in civil engineering from Ecole Polytechnique de Montréal and became a P.Eng.
- In 1982 he received his surveying degree from Université Laval and became an arpenteur-géomètre (QLS).
- In 1994 he became a CLS.
- In 2002 he received his MBA from Université d'Ottawa.





Dominique Fecteau (left) presenting the award to Jean-Claude Tétreault (center) with Marie Robidoux (right)

He started work as a chainman during the summer holidays and then joined the Canadian Armed Forces through the Regular Officer Training Plan while going through university. His first job after graduation was with Bell Canada as an engineer for the construction of new telecommunication lines. As a land surveyor, he started Jean et Jean-Claude Tétreault (1982 to 1990) and then with Brunet, Tétreault & Associés (1990 to 1997).

Then a stint at a non-profit, Centre de Géomatique du Québec Inc., as general manager (1998 to 1999). Since 1999, he has been Executive Director for the Association of Canada Lands Surveyors and Registrar for ACLS and CBEPS till July 2018.

Chief proposal writer, accountant pretender, salesman, head of Human Resources, translator, coordinator for more than 15 committees, head of public relations, "grosse légume" of relationship building, main organizer of conferences, head guy for website, coddler of Council, main whip for Board of Examiners, shaker and mover of legislation and by-laws committee, and all around good guy!

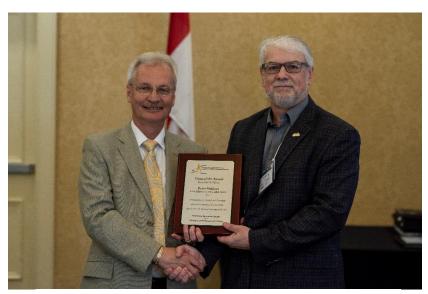
One of his best moves was to become the Executive Director of ACLS! Best move for us CLSs! He has built the Association from a brand new self-regulated association to a world class organization that accomplishes more than many thought. Managed the accreditation of the ACLS CH and CHTech by IBSC (Hydrographer Certification).

Heavily involved in the Pathway to Foreign Credentials Recognition – a very successful national initiative. Driving the Future of Education project.

# **Champlain Award**

Professional Surveyors Canada is pleased to announce the presentation of the 2019 Champlain Award recognizing outstanding leadership and contributions to the Canadian land surveying profession to Mr. Peter Sullivan, CLS, ALS (ret), MBA of Edmonton, Alberta.

The Champlain Award was presented to Mr. Sullivan by Hal Janes, Chair of Professional Surveyors Canada before a national audience of land surveying professionals at the National Surveyors Conference in Halifax on May 2<sup>nd</sup>, 2019.



Hal Janes (left) presenting the award to Peter Sullivan (right)

Mr. Janes noted the many significant contributions made by Mr. Sullivan over the span of a 29-year career in the Surveyor General Branch of Natural Resources Canada, culminating in his leadership as the Surveyor General of Canada and International Boundary Commissioner from 2006 until his retirement in 2018.

During this period Mr. Sullivan led a major re-organization and modernization of Canada Lands administration and governance, was instrumental in advancing First Nations land surveys and administration goals in support of Indigenous reconciliation and capacity development, and was a strong advocate for the modernization of the Canadian Spatial Reference System and the development of a national augmented GNSS Precise Positioning Service.

Congratulations Peter!

### Pathways to Credential Recognition of Foreign Trained Land Surveyors

Canadian professional land surveyors are made up of 11 self-regulated professional land surveying associations across Canada, each with its own legislation and legal responsibilities. As a result, there were a variety of processes to assess the competence of Foreign Trained Land Surveyors (FTLS) but no Canadian central point of contact for FTLSs to obtain information and apply for credential recognition as a professional land surveyor in Canada.

In November of 2017 the ACLS was successful in obtaining funding from Employment and Social Development Canada through the "Foreign Credential Program". The project was completed in May and the new Web site was launched on June 3<sup>rd</sup>, 2019.

FTLS now have access to a central point of contact through a new Web site which contains all the information needed to immigrate to Canada and to practice as a land surveyor as well as forms and all the tools required for foreign professionals to perform a self-assessment of their own credentials and what is missing and how to fill the gaps to become certified as a professional land surveyor.

The new process to assess the qualifications of FTLS was developed in collaboration with all 11 surveying regulatory bodies and the six universities who have a geomatics degree program, and is managed by the Canadian Board of Examiners for Professional Surveyors (CBEPS).

The ACLS is proud to have managed this project and it could not have been a success without the participation of our sister associations and Academia. It was truly a team effort.

FTLSs will now be able to start the process from their home country. It will provide them with more certainty about the process before immigrating to Canada. There is also a real possibilities that FTLSs may arrive in Canada with many requirements completed, which may assist them in contributing to Canadian society in a shorter time.

This project was funded by the Government of Canada's (Foreign Credential Recognition Program).



## **Towards an Online Degree in Surveying/Geomatics**

Last fall, CBEPS struck a task force composed of 3 private practice surveyors, 1 government employed surveyor, both the ACLS and AOLS Executive Directors, Izaak de Rijcke of Four Point Learning and representatives from the 6 universities that have a geomatics degree. This task force mandate is to look into the possibility of the offering of on-line or blended university level course to candidates to the surveying profession to cover all subjects of the CBEPS National Syllabus with the long-term goal of facilitating the setting up of a complete surveying degree program available on-line.

Since CBEPS and ACLS were close to the end of the PFCR project (see previous section) which was funded by Employment and Social Development Canada (ESDC), we received an invitation from ESDC to propose another project for funding under the Foreign Credential Recognition Program. The ACLS, on behalf of CBEPS, did draft a proposal and sent it before the deadline. In summary, the project's objectives are the following:

- 1. An up-to-date National Syllabus
- 2. A new accreditation process for current and future learning institutions programs leading to a degree in surveying/geomatics that leans towards a model where CBEPS sets the minimum acceptable standards within which the institutions can manoeuvre more freely
- 3. A clear path to a Canadian online degree in surveying/geomatics in collaboration with the 6 degree granting educational institutions

We expect a response from ESDC shortly.

We think that our chances are good because of our experience with ESDC projects (PFCR was our second project).

# **ACLS Examination Enhancement Project**

In January of 2018, the ACLS started a project dedicated to improving the quality and efficiency of its current examination system. There are three objectives in achieving a more efficient examination system through the ACLS Examination Enhancement Project (EEP). These objectives are as follows:

- To provide a mechanism to allow candidates to prepare and succeed in writing the necessary examinations.
- To update study material and fill in the gaps in the French material.
- To eliminate the biannual face-to-face sitting of the examinations for candidates who do not hold a provincial surveying commission and provide greater flexibility to this entire candidate stream.

The ACLS implemented an on-line examination system back in 2012. To improve the system, the following tasks were completed:

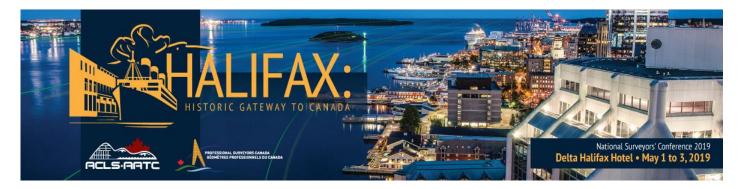
- Create 4 exam modules in both languages and eliminate the single on-line exam for labour mobility candidates.
- Modify the system to allow candidates to have access to the same exam in both languages to help the francophone candidates understand the questions as most of the terminology in the study material is in English.
- Update the database of questions.

The new system has been implemented in the spring of 2018 and we are glad to announce that the success rate increased considerably from 39% to 65.6%. So this change has had a significant impact on increasing the number of Canada Lands Surveyors.

The new exam is now composed of 4 modules but candidates have to get a mark of at least 70% in total for all modules. If candidates do not get 70%, they have to re-write all 4.

Now, in addition to advancing on completing the study material necessary for candidates to be successful in writing the exam, we are working on offering an online, on-demand exam system for our candidates who do not have the right to practice land surveying in a province. We hope to have this in place by January 1<sup>st</sup>. 2020.

### **National Surveyors Conference 2019**



We had a very successful National Surveyors Conference in Halifax in partnership with Professional Surveyors Canada. It was the largest turnout in NSCs existence with over 120 delegates.

The following seminars were presented:

- Field notes- Beyond the Little Yellow Pages
- Update on Survey Standards- Avoiding Critical Issues on Survey Plans
- Data security & virtual offices.

A key collaboration in this years' conference was the presentation of the Responding to Change – The Evolving Boundaries of Practice Workshop. This one-day workshop provided a wide-ranging perspective on the changing landscape of surveying in Canada in response to advancing technology, evolving social attitudes, and trends in legislation and government policy affecting the self-regulating professions. We would like to acknowledge the contribution of the over two dozen professional land surveyors from across the country who participated in our working groups over a period of several months to compile the material presented at this workshop.

The workshop was attended by approximately 120 land surveyors from across the country who engaged in a vigorous and positive discussion on the priorities and focus of the land surveying community required to communicate the value of our community to government and society, and to continue to maintain and enhance the effectiveness of our land survey and registration systems in response to accelerated and disruptive change. The proceedings of the workshop are currently available on the ACLS Web site at:

https://www.acls-aatc.ca/wp-content/uploads/2019/07/K-Workshop-Report.pdf

### **National Surveyors Conference 2020**











For the 2020 edition of the National Conference, in addition to Professional Surveyors Canada the following groups will be contributing to both the technical program and the number of delegates:

- The Working Party On Land Management (WPLA)
- Canadian Geomatics Engineering Conference

The overall goals of the WPLA are the promotion and improvement of land administration and land management in the United Nations Economic Commission for Europe (UNECE) region. The Working Party aims at supporting security of tenure, improving and creating more effective land registries and promoting sustainable land use policies. The WPLA operates under the auspices of the UNECE Committee on Housing and Land Management. Its members are the national land administration authorities and related authorities from UNECE member states.

The Canadian Geomatics Engineering Conference will be organized by representatives from the Canadian universities that have a Geomatics Engineering program. This will be their second conference. The conference will be held in Mont-Tremblant, Québec from May 19 to 22, 2020. A save the dates postcard will be mailed to all members early this fall.

# **National Surveyors Conference 2021**

We are glad to announce that the 2021 edition of the Conference will be a joint event with PSC and the Alberta Land Surveyors' Association. It will be held in the Hyatt Regency Calgary Hotel on April 14<sup>th</sup> to 16<sup>th</sup>, 2021. Mark those dates in your calendar.

# **David Thompson National Geomatics Award**

The Association of Canada Lands Surveyors is proud to announce the winners of the eleventh annual David Thompson Awards! The awards were presented during the National Surveyors' Conference in Halifax, Nova Scotia on May 2<sup>nd</sup>, 2019.

Celebrating excellence in the field of geomatics in Canada, the David Thompson National Geomatics Award was introduced in the winter of 2006-2007. The program was developed to recognize projects that exemplify the innovation and contribution to society that surveyors make every day to bring successful projects about for the betterment of all Canadians. The program has the two following categories:

- Challenging Cadastral Survey Project
- Challenging Non Cadastral Survey Project

#### **Challenging Cadastral Survey Project**

In the category *Challenging Cadastral Survey Project*, the winner was David Attwood of Attwood Surveys Ltd. for the project entitled: "Louisbourg Harbour Survey", Louisbourg, Cape Breton Island, NS



Dominique Fecteau (left) presenting the award to David Attwood (right)

In his project David displays some challenges and unique history dating back to pre confederation. The plan also shows the survey of the federal water lot grants and the survey of the pre-confederation provincial water lot grants.

There was only one submission. The judging panel did review it and decided that the project merited an award.

#### **Challenging Non Cadastral Survey Project**

In the category Challenging Non Cadastral Survey Project,

the winner was Tyler Mikkelson of Caltech Surveys Land Surveying BC Ltd. for the project entitled: "Old Fort Landslide Survey"

Tyler's project was amidst a natural disaster in Old Fort. Caltech submitted daily video fly-throughs, bare earth and full feature surfaces, and orthorectified imagery providing critical insight to decision makers as the emergency unfolded. Once the situation was stable, monitoring of the slide movement began and provided timely accurate data to the emergency response decision makers, which in turn, allowed families to return to their homes. Ongoing monitoring system were installed to alert residents of any changes in the future.



Dominique Fecteau (left) presenting the award to Tyler Mikkelson (right)

Runners up for this award were David Andrews of Global

Raymac Surveys Inc. for the project entitled: "Drones for Mining Stewardship in Northern Canada" and Rob Yates of McElhanney for the project entitled: "Data capture & modelling of the Coquitlam reservoir".

The David Thompson National Geomatics Awards Program is open to all commissioned surveyors who are members of a Canadian surveying association, submitting projects that have been completed within the last three years. The deadline for submissions is <u>March 30th</u>, <u>2020</u>.

## **ACLS Strategic Plan**

On November 21 and 22, 2018 an intensive two-day strategic planning workshop was conducted in Montreal with the ten member ACLS Council, Peter Sullivan and Jean-Claude Tétreault, Executive Director.

The most recent strategic planning workshop was conducted in Winnipeg in November 2014. The purpose of this workshop was to:

- a) Review progress, challenges, continued relevance and completion of 2014 Strategic Initiatives, and;
- b) Build a new strategic plan that prioritizes and addresses opportunities and challenges that have arisen since the last planning session.

The Council determined that the following were the most critical strategic initiatives arising from the planning process. Subsequent organizational focus of effort and further development of action plans is required:

- 1. Communicate the role and value of land surveying to the governance and socio-economic well-being of the country;
- 2. Consult with related organizations and collaborate on common issues and goals;
- 3. Engage, motivate and grow a diverse and robust membership;
- 4. Foster the relationship between First Nations communities and the surveying profession.

At this time, Council has almost completed developing the strategies to accomplish the above listed initiatives. Some committees will be affected. This exercise was facilitated by Grant Suderman of Verge Strategy Group from Winnipeg.

## **Land Survey Capacity Building to support First Nations Land Management**

As part of Budget 2018, Indigenous Services Canada (ISC) obtained funding for the expansion of the First Nations Land Management (FNLM) regime. The Surveyor General Branch (SGB) was tasked with developing a Land Survey Capacity Development Program. The Program, as designed, will target 24 First Nation communities over 5 years and will provide up to 12 weeks of in-community training to each First Nation community with the goal to:

- Remove barriers to effective land management and advance the success of the First Nations Lands Management Regime;
- Increase First Nation Community's knowledge of property rights systems and spatial data management, to support human activity on the land and unlock the potential within their lands;
- Enhance surveying knowledge of First Nation land managers, administrators, and decision makers, to allow them to communicate their requirements effectively with the surveying profession, and be able to assess the service they receive and reduce the cost of those services;
- Stimulate an interest in furthering education in Science and Technology, specifically Geomatics and;
- Promote local inclusion by building skills and capacity for First Nation members to do work within their community.

As pilot projects, the two following First Nation communities were selected in 2018 (Cohort 1):

- Tzeachten First Nation (BC); and
- Waban-Aki Nation (a grouping of Wolinak and Odinak First Nations (QC).

Based on the feedback from the Program's pilot communities, a formalized expression of interest and selection process was developed to facilitate the intake of the 6 First Nation communities for entry in April 2019 (Cohort 2).

The Survey Capacity Development Work Group approved the final recommendation of the following First Nations for April 2019 entry:

- British Columbia Region Kitselas;
- Prairie Region Mistawasis (SK) and Muskoday (SK);
- Ontario Region Nipissing First Nation and Shawanaga; and
- Atlantic / Quebec Region Membertou.

Training is under way for some of these communities. All should be completed by early 2020.

The ACLS Council wishes to express its support for this program. Graduates will be provided an information leaflet explaining the steps to obtaining technologist training. This program will not exempt its graduates from any of the requirements of a CBEPS Certificate of Completion.

If you would like to obtain more information on this initiative, please contact Steve Minnie, BCLS, CLS at: <a href="mailto:Steve.minnie@canada.ca">Steve.minnie@canada.ca</a>

Please note that SGB did produce an excellent video entitled: *Career Spotlight: Indigenous Land Surveyors* at: https://www.youtube.com/watch?v=ChTFnqE7mNE

We want to thank Tania Bigstone, Jason Holway and Tyson Quocksister for participating in this video.

## **Surveys of Indigenous Lands Toolkit**

A special task force under the direction of the Indigenous Relations Coordinating Committee worked over many months to develop a brochure-style folder and five separate inserts, based on the completed Cost Study,

Finding Solutions
that Respect Traditions
that Respect

Tania Bigstone (left) and Joe Iles (right) at the NALMA gathering in Whitehorse

that would increase awareness of cost drivers in survey projects and offer suggestions to mitigate these costs.

Tania Bigstone presented a draft of the toolkit at the National Aboriginal Land Managers Association Gathering in Whitehorse on September 13, 2018, in Whitehorse, YT. Based on feedback from Indigenous communities and from the ACLS membership, revisions were made, and the toolkit was finalized late in 2018.

Another insert was produced recently entitled: "Role of a Land Surveyor". All 5 inserts are available digitally on the ACLS Web site under "Indigenous Expertise", "Surveys on Indigenous Lands Toolkit" and we also have hardcopies at the ACLS office.