

# AOLS Committee Annual Reports - 2022

# Overview

This year Commissions have not been active, and we have decided to report on a committee-bycommittee basis. This report covers the 2022 calendar year.

The Association is fortunate to have a very high involvement rate of its members with 40% of its members participating in at least one committee or task force. Most committees and task forces have been active and trying to achieve their mandates.

The report separates statutory committee required under the Surveyors Act from those that are established at the pleasure of Council. It provides a brief overview of their mandate, achievements, and challenges along with a list of their members.

# Statutory Committees

# Academic and Experience Requirements Committee (AERC)

The AERC is responsible for the registration activities of members of the AOLS. They establish policies related to registration activities, such as academic requirements, evaluate academic and experience requirements, monitor progress of articling students, and establish and perform examinations to ensure new surveyors have the appropriate competencies to meet the public requirements of a professional surveyor.

AERC held four meetings this year, with two of these lasting two days. Additionally, they took part in training from an Educational & Assessment Consultant on setting and administering high-stakes examinations.

They continue to be a busy committee dealing with ongoing registration activities. See the Registrar's report for metrics associated with their work.

They have been considering the recommendations from the psychometric review completed late in 2021 and have actively been involved in a Registration project that is responding to the final recommendations from the psychometric review performed last year. It includes updating educational requirements, updating Essential Areas of Knowledge (EAK) to be gained through articling, developing a blueprint for examinations, reviewing and developing new questions that map back to the blue print and developing policies and procedures to ensure that the examinations are of consistent difficulty with an appropriate cut point to establish the minimum levels of competency of professional surveyors. They have hired three consultants to assist in the delivery of this. They reviewed and provided comments to the Canadian Board of Examiners of Professional Surveyors (CBEPS) syllabus which was eventually adopted. This satisfies the review of the academic requirements. Work remains on how best to cooperate with CBEPS. The EAK update project is well underway with an on-line survey sent to key members and interviews of select members started to gain further insight. The revised EAKs are expected to be sent to the broader membership for final review in the spring.



They have also been considering potential solutions to meeting the requirements of changes to the Fair Access to Regulated Professions and Compulsory Trades Act (FARPACTA) and its accompanying regulation Reg 261/22. These changes established timelines for making registration decisions and requirements for reporting these, required the preparation of an emergency registration plan and did away with mandatory experience requirements for internationally trained candidates.

Members of the Committee were as follows:

Al Buckle, Presiding Officer	Dave Kovacs (Council)	Brian Campbell
Shawn Hodgson	Jason Wilband	Kevin Smith
Saeid Sedaghatjahromi	Mel Truchon	Yifan Zhang
Martha George, LGA		

And the following non-voting participants

Penny Connors, Registrar	Maureen Mountjoy, Deputy Registrar	Consultant: Michael Chapman
York U. Liaison: Sunil Bisnath		

AERC was also supported by the following assistants:

Ron Berg	Andrew Bounsall	Graham Bowden	Phil Chitty
Anne Cole	Scott Dalziel	Terry DelBosco	Line Delorme
Robin Fleguel	Paul Gregoire	Nancy Grozelle	Ed Herweyer
Phillip Hoffman	Harold Hyde	Bruce Irwin	Laura Kingston
Peter Lamb	David Lamont	Murray LeGris	Neil LeGrow,
Andrew Mantha	David Marion	Bob McDermott	Paul Miller
Stephens Perkins	Gary Phillips	Dan Quinlan	Roger Reid
Tony Sani	Alister Sankey	Roy Simone	Spiro Sinnis
Ian Smith	David Stringer	Phillip Swift	Mojtaba Tavallaee
Gary Vanderveen	Kevin Wahba	Michael Verdun	

# **Complaints Committee**

The Complaints Committee considers and/or investigates written complaints attributing conduct or actions to a member of the Association that may be found to constitute professional misconduct or incompetence.

The Committee met monthly and considered 20 complaints.

An amended version of the Manual of Procedures for the Complaints Committee was approved by Council in September. In addition to some general housekeeping, this version incorporated:

- guidelines on complaints with fee related issues
- guidance where complaints are filed with both the Complaints and Fees Mediation Committees
- a section identifying possible complaint outcomes, and
- guidelines for mediation in complaints.



Committee members attended an Orientation seminar presented by Richard Steinecke. The goals of this seminar included helping committee members make the best decisions, consistent with our public interest mandate and as defensible as possible. The presentation included an update on recent case law.

Topics included:

- Goals of a complaints system & elements of a good complaints system
- Conflicts of Interest and Appearance of Bias
- Scope of inquiry
- Considerations regarding the need for expert evidence
- Appropriate and proportional investigation
- Disposition options
- Assessing whether a referral to discipline is warranted
- Sufficiency of evidence
- Identifying the issues & explaining the reasons for the decision.

They are currently:

- Preparing and implementing a risk assessment-based Decision Tree. The Ontario College of Pharmacists provided a copy of their decision tree, and this is being modified for our use.
- Preparing a policy regarding when an expert opinion / witness is required.

Council will be considering changes following the recommendations of Richard Steinecke. Council may be stepping away from the Complaints ~ Discipline process. If this happens, the Committee will need additional tools and training to ensure consistent and appropriate treatment of complaints.

Council may delegate consideration of Compensation Fund applications to the Committee. If this occurs, the Committee will need to consider guidelines for the treatment of these applications.

Members of the Complaints Committee included:

Kevin Thom, Chair	Sophie Côté	Saša Krcmar (Council)	Bret Magee
Brian Kerr	Peter Feren	Jeremy Matthews	Steve Balaban
Travis Hartwick	Eduardo Linhares	Paul Benedict	Peter Meerveld, LGA

And the following non-voting participants:

Penny Connors, Registrar Maureen Mountjoy, Deputy Registrar

#### **Discipline Committee**

The Discipline Committee has been undertaking a deep review of their practice manual.

They considered potential changes to the Surveyors Act to remove Council from the discipline process and to change the Council member to an ex-officio, non-voting member.

Members of the Discipline Committee included:



David Kovacs, Vice-President & Chair Ophir Dzaldov Doug Hunt Leslie Higginson James Hunt, LGA Richard Miller Tom Kristjanson Julia Meldrum Smith Nancy Grozelle Terry Dietz Bruce Parker Paul Miller Gerhard Auer Bob Fligg Paul Edward David Wilton

#### **Executive Committee**

Executive Committee generally meets two weeks before Council meetings and sets the agenda for the upcoming Council meeting. They also consider Human Resource matters including salaries for staff. They were involved in staffing activities, particularly hiring the new Executive Director.

Members of the Executive Committee include:

Andy Shelp, President, Chair	David Kovacs, Vice President	Gavin Lawrence, Past-President
Saša Krcmar, Finance Councillor	Peter Meerveld, LGA	Brian Maloney, ED

#### Nominating Committee

The Nominating Committee is responsible for nominating a slate of candidates to fill the necessary positions on Council. They were successful in finding one candidate for junior councillor and candidates for President and Vice-President. Fortunately, another candidate was nominated by the membership and all positions were filled by acclamation.

Members of the Nominating Committee included:

Andrew Mantha, Chair Al Jeraj	Dan Dzaldov	Paul Miller	Ronald Querubin
Peter Meerveld, LGA			

#### **Registration Committee**

The Registration Committee produced a new Manual of Procedures that was approved by Council.

They completed training provided by Rosen Sunshine<sup>LLP</sup>.

They reviewed and recommended guidelines for the Registrar to consider when deciding to grant a Certificate of Authorization.

They provided input to Council on the recommendation for proposed changes to the Surveyors Act to remove Council from the role of considering admittance to a former member that had their license revoked.

Members of the Registration Committee included:

David Pesce, Chair	Spiro Sinnis	Dasha Page	Helmut Piller	Brian Webster
Ron Berg	Natalie Vibert	James Hunt, LO	5A	

#### Fees Mediation Committee

The Fees Mediation Committee mediates and arbitrates complaints from the public regarding fees. They considered the Steinecke recommendations and recommended that the Committee be removed in the next iteration of the Surveyors Act.



They dealt with one mediation.

Members of the Fees Mediation Committee included:

Brent Larocque, Presiding Officer Murray Purcell

John Merrlles Amar Loai Michelle Pearson Martha George, LGA Harold Hyde

# Non-Statutory Committees and Task Forces

#### AGM

The AGM Committee met several times to plan the upcoming Annual General Meeting in Niagara Falls. They chose a theme: "Challenges present Opportunities" and selected speakers and entertainment for the social components. They had to address questions of running a strictly in-person event versus a hybrid event. Due to the significantly extra costs they chose to run an in-person event.

Members of the AGM Planning Committee included:

Russ Hogan, Chair	Andy Shelp, President Co-Chair	Tanis Browning-Shelp	Dave Kovacs
Brian Maloney, ED	Penny Anderson	Lena Kassabian	Christopher Fox
Shawn Leroux	David Whitton	Roy Kirkup	Ed Herweyer
Vicky Hogan	Al Jeraj		

#### Archival and Historical

Despite COVID-19 the Archival and Historical Committee remained active and held several meetings, some in person.

They were successful in having the "Yates Database" set up on the website. This provides information about surveyors going back to beyond the formation of the Association of Ontario Land Surveyors. It includes pictures and biographies for many surveyors. It can be a good source of research when trying to understand where a surveyor practiced and when. They have more recently started investigating adding "road surveyors" that were appointed and existed prior to the formation of the Surveyors Act. They have also added pictures of the collection of survey instruments held by the Association. This needs more work to be useable but is a start.

They tried getting some articles into In Sight related to historical surveyors but have struggled to maintain momentum.

They have been investigating digitizing all the AOLS annual reports, which would help improve the quality of the Yates database.

They are reviewing the feasibility of having the Thompson map stored at Ontario Archives digitized and made available under license.

They have developed and are refining a questionnaire that they are hoping surveyors will complete which will provides some history of their work and accomplishments.



They hope to put their attention to historic water levels at some point but are not sure that this committee is the best suited to do so.

Members of the Archival and Historical Committee included:

Gord Good, Chair	Don Anderson	Doug Culbert	Vicky Culbert
Jim Hill	J. Don MacMillan	Kent Campbell	Rick Della Mora
John Vinklers	Scott Dalziel	Brian Maloney, ED	

## Continuing Education

The Continuing Education Committee is tasked with developing the program of continuing education of members including assigning Continuing Professional Development (CPD) hours. They met several times over the year and considered CPD opportunities. In cooperation with the Professional Development Committee they developed an Office Procedures set of webinars that is being delivered by Tom Packowski. They are in the process of reviewing the Council approved position on CPD requirements and hope to make recommendations this coming year.

Members of the Continuing Education Committee included:

Tom Packowski, Chair	Nancy Grozelle	Vicky Kumar	Ron Querubin
Steve Czajka	Kate Somier	Stefan Bazar	Paul Wyman
Amar Loai	Penny Anderson, Staff		

#### **CPD** Audit

This Committee is tasked with performing an audit of CPD at the direction of the Registrar. Unfortunately, with changes in Registrar, this Committee was inactive this year.

Members of the CPD Audit Committee included:

Ron Querubin, Chair	Sophie Côté	Tom Packowski	Paul Francis	
Leo Liu	Michael Masciotra	Greg Ford	Penny Anderson, Staff	
Penny Connors, Registrar				

# Expanded Profession Task Force

The Expanded Profession Task Force was active at the beginning of the year considering the One-license model and the definitions of Cadastral Surveying and more particularly Professional Surveying. They considered alternatives for inclusion within a licence and ultimately agreed on a substantially reduced definition of Professional Surveying. They helped design a consultation approach and list.

Other items, such as developing the review process of holders of Certificates of Registration were put on hold due to the anticipated move to a One-license approach.

Members of the Expanded Profession Task Force included:

James Ferguson, Chair	Al Buckle	Dave Horwood	Andrew Lyszkiewicz
Paul Francis	<b>Robin Fleguel</b>	J. Hugh O'Donnell	Al Jeraj
Ron Berg	Brian Maloney	, ED	



# Fair Fees for Field Notes Task Force Task

The Fair Fees for Field Notes Task Force carried on their challenging task of finding fees for field notes that were fair to all involved including surveying firms, distributors, other surveyors and the public.

Armed with a survey of firms about their charges, they took their work as step forward and issued a detailed questionnaire to all firms to determine the costs associated with storing, retrieving, converting, copy, providing, etc. survey records. The results were analyzed by Voxtur and a report prepared.

With the report in-hand they convened a meeting with large providers and discussed the costs and potential options to control them. The meeting reinforced some of the challenges in dealing with old survey records in multiple formats, with varying to no indices completed by many surveyors. In the end they provided a report to Council with a recommendation that the current policy be retained.

Members of the Fair Fees for Field Notes Task Force included:

Andrew Mantha, Chair	Andy Shelp, President	Gavin Lawrence	Ron Berg
Simon Kasprzak	Bruce Clark, SG		

#### Geomatics Recruitment & Liaison

This committee encourages and assists primary and secondary students to select geomatics as a career. The Committee was active most of the year but was folded into the Marketing and Recruitment Committee, late in the year. There most notable activities were:

- Bill Webb periodically provided basic surveying training at Build This City, a SkillsAdvance Ontario workforce development program in SSM
- Participating in World of Choices (online)
- Assisting with content for posts on AOLS social media pages and in In Sight
- Developing playing card sized profiles of surveyors and technicians for career and other events
- Promoting Sc. Rendezvous exhibits in GoGeomatics
- Promoting surveying as a career at Science Rendezvous in Kingston, where they were nominated for an award for their physical exhibit and online portal
- Published a Science Rendezvous article in Blog page of Get Kids into Survey
- Upload of 2021 and 2022 files onto Members Only AOLS Website GRLC archives

Members of the Geomatics Recruitment and Liaison Committee included:

Christopher Oyler, Chair	Sophie Côté	Hugh Goebelle	Cole Raikes
Chris Fox	Oussama El-Chanti	Bill Webb	Coel Story
Nigel Day	Aloka Kumaranayake	Maja Krcmar	Sunil Bisnath (York)
Peter Johnson (U of Waterloo)	Grant Lee (Consultant)	Maureen Mountjoy, Sta	aff
Dave Whitton, Staff	Jean Tong (ESRI)		

#### **Government Relations**

Although there were lots of government relations this year, this committee was not active and will be recommended for removal next year.



Members of the Government Relations Committee included:

Andy Shelp, President and Chair	Gavin Lawrence	Dave Kovacs	Brian Maloney, ED
Bruce Clark, SG	Terry Dietz	Ed Herweyer	

#### Inclusivity and Diversity Committee

The Inclusivity and Diversity Committee was established to promote inclusivity and diversity and help the Association operate in a manner that is free from harassment and discrimination. Over the last year they:

- Completed a survey of the membership to determine if discrimination within AOLS and/or surveying firms was an issue.
- Reviewed AOLS website to identify and remove exclusionary or discriminatory language to make it more inclusive, equitable and respectful of the membership and public we serve.
- Implemented Land Acknowledgement policy.
- Created a database of members who spoke multiple languages to help remove language barriers for potential applicants.
- Hosted a webinar in recognition of International Women's Day.
- Collaborating with the AGM Committee to have significant Diversity, Equality, and Inclusivity (DEI) content for the 2022 AGM.
- Added "Member's Story" section to the AOLS website.

This coming year they intend on focusing on identifying appropriate training material and presenting it to the membership along with information on DEI. They recognize it will be a challenge to present the material to members in an informative manner so as to increase overall membership awareness and engagement with an aim to increase a sense of belonging. They hope to foster tiny habit changes to improve EDI within the Association for the long-term.

Members of the Diversity and Inclusivity Committee included:

Al Jeraj, Chair	Wikar Bhatti	Saeid Sedaghatjahromi	Maureen Mountjoy
Natalie Vibert	Tracy Rouse	Satesh Lakhan	Gavin Lawrence
Brian Maloney, ED			

#### Insurance Advisory

The Insurance Advisory Committee reviews claims and advises adjusters about potential settlements and defense. It provides advice to Council regarding insurance matters including funding formulas, appointment of brokers and adjusters. Although the Committee normally meets only quarterly, this year they added to additional meetings to consider special claims. They also considered the matter of a regulator providing professional liability insurance as a result of the recommendation from R. Steinecke. After careful consideration they recommended leaving the program with the Association for the time being and making sure that the safeguards regarding information confidentiality are clearly articulated.

Members of the Insurance Advisory Committee included:



Alister Sankey, Chair Roy Kirkup Saša Krcmar Dan Dzaldov Joseph Young Brian Maloney, ED Rodney Geyer

## Legislation and Regulations Task Force

The Legislation and Regulation Task Force has been very busy considering a variety of potential changes to the Surveyors Act. They have generally met monthly. There most notable achievements were:

- Coming up with new definitions for Cadastral and Professional Surveying and Boundaries (done in collaboration with the Expanded Professions Task Force) and determining appropriate stakeholder engagement to implement a One-License model
- Reviewing and recommending a risk-based approach to unauthorized practice
- Reviewed and recommending several directions flowing from the recommendations in the Steinecke review
- Agreeing to a methodology for reviewing the appropriateness of AOLS services and started reviewing services to consider if they should be retained, modified, dropped, handed off, contracted out, etc.
- Reviewing the impact of technologies on the surveying profession with an eye to regulatory requirements
- Considered fair use of cadastral boundaries by others (as part of the definitions discussion)
- Recommended removal of council involvement in disciplinary decisions, addressing Compensation Claims, and in reinstating members that have had licenses revoked
- Considered changes needed to meet FARPACTA requirements.

They continue to actively consider directions for proposed changes to the Surveyors Act.

Members of the Legislation and Regulations Task Force included:

James Dorland, Chair	Andrea Tieman	Ophir Dzaldov	Ron Berg
Brian Maloney, ED	Tim Bunker	Russ Hogan	Prakhar Shrivastava

#### LRO Task Force

The LRO Task Force was originally struck to deal with the closure of counter services at Ontario's Land Registry Offices. It continued to be a place to discuss land registration matters with the Ministry of Business and Public Services. They met once this year with Ministry officials and dealt with preapprovals of plans moving to OnLand with checklists and Crown Land Plans being accepted as e-plans. They also assisted the Ministry in polling our members regarding Land Registration Services.

Members of the LRO Task Force included:

Rick Miller, Chair	Amar Loai	George Bracken	Greg Ford
Kim Husted	Martin Baya	Peter Moreton	Ron Mak
Ryan Seguin			



# Marketing and Recruitment Committee

The Marketing and Recruitment Committee was new and formed to bring consistency to marketing activities and reduce duplication. Their goal is to attract technical and professional staff to the land surveying profession to meet the needs of the public and to promote the role of the Association of Ontario Land Surveyors (AOLS) to the public. Their primary focus will be on recruitment.

The Committee was created by amalgamating the Geomatics Recruitment and Liaison Committee, the Public Awareness Committee and the University and College Liaison Committee. Members from all three committees were rolled into the new committee.

They completed a Terms of Reference that was approved by Council. They also agreed to work with Humber College to generate a Marketing Strategy. They created a document outlining their expectations with Humber College, which was agreed to. The strategy is expected to be delivered in April of 2023.

#### Monument Protection Task Force

The Monumentation Protection Task Force was challenged with reviewing the concept of coordinates as monuments. They reviewed relevant papers and policies from across Canada and analyzed options for the use of coordinates ranging from authoritative, to temporarily authoritative, to reference purposes only. They have prepared recommendations and a document for discussion at the Annual General Meeting.

Members of the Monument Protection Task Force included:

Hugh Coutts, Chair	David Lamont	Natalie Vibert	Sabir Ahluwalia
Paul Benedict	Dave Bianchi	Grant Stidwill	Scott McMorran
Shawn Leroux	Shan Goonewardena	George Zervos	

#### **Municipal Surveyors**

The Municipal Surveyors Committee provides advice to municipalities regarding surveying matters and advocates for best practices regarding municipal matters. Highlight of their activities for this year included:

- Preparing a best practices guide for municipalities to protect monuments
- Drafting a letter to all municipalities related to protection of monuments
- Discussing recruitment and retention of surveyors in municipalities
- Discussing hybrid work environments.

Members of the Municipal Surveyors Committee included:

Gregory Hartwick
Bill Merry
Gord McGuire
Dean Dunlop
Al Jeraj

Gavin Lawrence Paul Benedict John Galejs Kate Sonier Gary Irwin Andre Roy Normans Taurins Wikar Bhatti Bill Harper David Lamont Viorel Mares John Merrlles



# Professional Standards

The Professional Standards Committee met almost every month. Highlights of their accomplishments included:

- Developing an Office Calculations and Drafting Webinar (Tom Packowski delivering it through six 1-hour webinars)
- Developing a Best Practices for Topographic Surveys; generic sections and some appendices completed and posted to AOLS Website
- Developing a Construction Guidelines Document and started development of a Webinar
- Updating the Guidelines for Field Notes; Membership webinar held
- Updating the O. Reg 216/10 Interpretive Guide
- Reviewing and recommending a Professional Oversight of Survey Offices policy document
- Considering digital signatures although they opted not to pursue this on an association wide basis.

Members of the Professional Standards Committee included:

Joseph Young, Chair	Paul Wyman	Amar Loai	Chris Bunker
Ted Williams	Normans Taurins	Tom Packowski	Daniel Gautron
Anna Aksan	Ron Berg	Natalie Vibert	Brian Maloney, ED
Penny Connors, Registrar			

# Province-Wide Survey Records Index (PWSRI)

The PWSRI Committee met quarterly to ensure the effective development and use of the Provincial Survey Records Index (PSRI). They reviewed statistics and issues arising from its usage. Over the year they addressed the following:

- Dealing with records that could not be loaded from Land Survey Records Inc. (LSR) and Pimarc and recommending a process and coded solution to deal with unacceptable records
- Updating the alias tables to ensure optimum loading of survey records
- Considering the requirements for Orthophotography within the PSRI
- Considering and recommending the renewal of the MPAC agreement to maintain the PSRI and the agreement with iLookabout (Voxtur) as data administrator
- Approving enhancements to address utility corridors which were not being appropriately goecoded
- Recommending approaches to firms not submitting records

Members of the PWSRI Committee include:

Joseph Lin, Chair	Spiro Sinnis	David M. Brubacher	Phillip Swift
Ali Gholami	Eduardo Linhares	Ron Querubin	Ganesh Sundar
Dean Dunlop	Sophie Côté	Brian Maloney, ED	



#### **Public Awareness**

The Public Awareness Committee provides public awareness of the AOLS and assists other committees with communications. The Committee was active most of the year but was folded into the Marketing and Recruitment Committee, late in the year. Their most notable activities were:

- Working with Rudy Mak to Develop a role out plan for the documentary prepared last year
- Starting development of a social media strategy (paused in anticipation of a larger marketing strategy)
- Social media postings for GIS Day
- Online exhibit and promotion of membership at URISA
- Assisting UCLC with production of career profile cards

Members of the Public Awareness Committee included:

Natalie Vibert, Chair	Michael Matthews	Cindy Kliaman	Mart Himma
Bob Pearson	Bob McDermott	Eric Ting	Rudy Mak
Shajieeshane Rajakulendran	Yifan Zhang	Bennett J. Faulhamme	r
Maureen Mountjoy, Staff	Dave Whitton, Staff	Grant Lee (Consultant)	

## Survey Review Department

The Survey Review Department Committee's prime responsibility is to review the practices/processes of the Survey Review Department and make recommendations for changes if necessary. They also perform post audit reviews which could feed into their considerations for change.

They completed a Survey Monkey on potential problems with surveys without plans (i.e. those that are currently not reviewed).

Although they started work on reviewing members with Certificates of Registration, this was put on hold pending the outcome of the movement towards a one-license model.

They have started work on:

- Updating the SRD procedure manual which will consider best practices such as those created for construction
- Updating the point evaluation system to increase consistency in reviews
- Considering different approached to reviewing firms with multiple offices

Members of the Survey Review Department Committee included:

Gabriel Laframboise, Chair	Andrea Tieman	Robb McKibbon	Laura Gibson
Julia Meldrum-Smith	Paul Francis	Simon Kasprzak	
Paul Wyman, SRD Manager (no	on-voting)		



# **Underground Utilities**

The Underground Utilities Committee initiates and pursues strategic activities that would improve public safety and the efficiency and safety of cadastral survey activities related to underground utilities. Significant activities this year were:

- Participating on a national committee to potentially build a database of underground utilities
- Almost finalized a guide to help members meet CSA-S250-20 standards
- Staying apprised of ORCGA events and legislative changes (e.g., One Call)
- Reviewing in detail the new standard from the ASCE (American Society of Civil Engineers) for the digital exchange of utility data, ASCE 75-22 which requires that they:
  - a) Must be referenced to a geodetic coordinate system when being provided to others
  - b) Can be certified by professional land surveyors
  - c) Must have certain mandatory attributes and should have certain optional attributes to accompany surveyed infrastructure
  - d) Must have their accuracy level components described in a standard manner

Members of the Underground Utilities Committee included:

Peter Lamb, Chair	Gary Auer	Paul Benedict	Simon Kasprzak
Peter Skuro	James Dorland	Nigel Day	Maureen Mountjoy

# University & College Liaison

The University and College Liaison Committee provides outreach and assistance to universities and colleges with existing and potential geomatics programs to help ensure programs exist. This Committee was folded into the Marketing and Recruitment Committee, late in the year.

They remained apprized of the state of the various geomatics education programs and provided social media outreach.

Members of the University and College Liaison Committee included:

Younis El Guindy, Chair	Maureen Mountjoy, Staff	Jack Gauthier	Simon Kasprzak
Annie Fernandes	Gavin Seaman	Boney Cherian	Adam Paine
Chris Fox	Nigel Day	Murray Purcell	
Grant Lee (Consultant)	Dave Whitton, Staff		

#### Website Maintenance

The Website Maintenance Committee provides direction to the AOLS staff regarding the website. This includes policy and content. The Committee recommended a new structure for the Member tools portion of the website and the transitioning of these to the public site, which was completed.

They also reviewed the structure of the proposed membership database, which is being incorporated with the AOLS website. This new membership database will significantly reduce duplication in the AOLS office and will allow the Register to be made available on-line within the website. The membership



database was constructed and moved into staging. Unfortunately challenges with permissions and reporting prevented it from going live this year.

Members of the Website Maintenance Committee included:

Ken Wilkinson, ChairSaša KrcmarDavid MorganPenny Anderson, StaffDave Whitton, StaffMaureen Mountjoy, Staff

Oussama El-Chanti Penny Connors, Staff Brian Maloney, ED Matt de Jager