The chair of external affairs is responsible for eliciting semi-annual reports from the liaisons to other organizations with mutual interest in the geospatial community. Not all liaisons to those organizations respond with a report. Please review the list and if you are interested in helping with one of the positions let president elect Mark Sargent know.

--Liaison for American Association for Geodetic Surveying (AAGS)
- Jacob Heck Jacob.Heck@noaa.gov

**NSPS-AAGS EXTERNAL AFFAIRS COMMITTEE REPORT**
Submitted on March 31, 2019 by
Jacob M. Heck, Ph.D., Liaison for AAGS
jacob.heck@noaa.gov

**ACTIVITIES:**
Since the last NSPS Directors meeting in October 2018, AAGS has pursued these issues of significance to NSPS:

1) Geodetic Certification: Chair of the AAGS Education and Certification Committee, Dr. Herb Stoughton, is going through recommendations by the AAGS membership regarding certification. The interest in Geodetic Certification within AAGS is growing, especially among the new officers who have made suggestions for new ways of developing the certification, although no specific action has been taken since the previous report.

2) Association affiliations: Currently societies in 16 states have signed the articles of affiliation: Alaska, Arizona, California, Colorado, Connecticut, Florida, Georgia, Maryland, Massachusetts, Montana, New Mexico, Oregon, Pennsylvania, Rhode Island, Tennessee, and Virginia.

3) National surveying conference: As was done in 2018, AAGS is discussing sponsoring a technical session on geodetic surveying at the ASCE Utility Engineering and Surveying Institute (UESI) Surveying and Geomatics conference that will take place in Cincinnati, Ohio in 2020.

4) PBS’s Information Matrix: AAGS was approached by AAGS to produce a ~5-minute segment on geodetic surveying for the PBS program.

--Liaison for American Bar Association (ABA)
- Charles Nettleman charles.nettleman@gmail.com

**Memorandum**
FROM: Dr. C.A. “Tony” Nettleman, III, Chairman, ABA Sub-Committee.
DATE: March 13, 2019
SUBJECT: 2018-2019 Update on ABA Sub-Committee
This memo provides an overview of the activities of the ABA Sub-Committee in the 2016 calendar year.
As part of my duties, I monitor different state and federal laws (statutes and court decisions) that may affect NSPS members. I have no major developments to report this year. However, I am working on setting-up automatic alerts in LexisNexis and WestLaw that would alert me to important decisions being entered into either of the legal research systems. So overall, there have been few legislative or judicial issues affecting NSPS members. I will continue to monitor state and national legislative and judicial changes and keep you apprised of any important developments. If you have any questions or concerns, please contact me at your earliest convenience.

Sincerely,
Dr. Tony Nettleman

-- Liaison for American Consulting Engineers Council (ACEC)
  • VACANT

-- Liaison for Association of Petroleum Surveying and Geomatics (APSG)
  • Clifford Mugnier cjmce@lsu.edu

-- Liaison for American Society of Photogrammetry and Remote Sensing (ASPRS)
  • Clifford Mugnier cjmce@lsu.edu

-- Liaison for Bureau of Land Management (BLM)
  • Janet Wilkins J1wilkin@blm.gov

NSPS Committee Update. Janet Wilkins J1wilkin@blm.gov, Chief Cadastral Surveyor (Acting) Bureau of Land Management (BLM). March 29, 2019

Certified Federal Surveyor (CFedS) Program:
The CFedS Program is continuing on solid financial ground; with a current bank balance over $195,000. New trainees are registering every month and most of the CFedS are keeping current on their Continuing Education credits. There are currently 573 active CFedS and 117 active trainees. The CFedS Program also allows LSIT trainees to become CFedS Candidates. There are currently four active CFedS Candidates, and eight active CFedS Candidate Trainees. The CFedS Panel has identified the need to update the technology that is being used for the delivery of its courses. Many continuing education (CE) courses are delivered through DVDs and the CFedS website has not had a major update since its creation. The Panel is at the beginning stages of discussing the best ways to address these issues. A new committee, called the Technology Committee, has been created by the CFedS Panel to research these issues. The Panel will make recommendations to the NSPS for options to update the existing CFedS courses, using CFedS funding. These options will contribute to the sustainable delivery of the CFedS Program courses. In addition, the Panel has created two other committees; the Outreach Committee and the Continuing Education Committee. The Outreach Committee will make recommendations for the best methods to reach more land surveyors with
information about the CFedS Program. The Continuing Education Committee will work directly with the BLM to identify course topics and develop course content for future Continuing Education courses.

**BLM Natural Resources Conservation Service (NRCS) Boundary Management:**
The BLM has completed a two-year Pilot Project that provided Cadastral Survey services to the U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS), National Headquarter Office (NHQ) to facilitate acquisition, management, and maintenance of NRCS conservation easements throughout each of the four NRCS regions. The NRCS has a need to identify, mark, and maintain boundaries of its conservation easements across the nation, and BLM Cadastral Survey has the expertise and capabilities to assist with these needs.

In late fiscal year 2018, NRCS apprised the BLM Cadastral Survey program that they wanted to expand the scope of work under a new five-year agreement for additional Cadastral Survey services nationwide with the primary focus on selected repealed program easements. The new five-year agreement became effective September 24, 2018.

NRCS-NHQ has identified approximately 7600 easements for BLM review; these easements fit into one of two groups. Group 1 are easements that contain either a 2% difference or a 20-acre difference between the official recorded acreage and the geospatial acreage (GIS acreage) for the easement parcel. Group 2 are those easements which contain geospatial (GIS) boundaries derived or determined from a source other than a legal boundary survey. The BLM will be assisting NRCS with oversight and assistance in obtaining surveys on some of these easement parcels, including determination of boundaries, monumentation of the angle points, posting along the lines, and assistance with the creation of accurate GIS shape-files for future monitoring. The BLM intends to issue contracts to qualified private land surveying firms for a significant number of these surveys. The contracts will be published on [www.fbo.gov](http://www.fbo.gov) (a.k.a. FedBizOpps).

**BLM Public Land Survey System (PLSS) GIS:**
The BLM is continuing the collection and assembly of the GIS PLSS Dataset in all PLSS states. Collection of data outside of PLSS States continues, in an effort to create a complete, seamless base layer GIS for Federal land interests. The BLM continues to work internally and in partnership with other Federal agencies, state, county, and tribal governments to maintain and improve the data. The BLM uses this dataset to automate the creation of PLSS land descriptions for proposed land transactions on public lands. The BLM is actively promoting the use of this dataset by internal BLM programs as well as by other land management agencies and organizations. This information is also used in many other mapping applications, such as recreation, hunting and fishing.

The BLM will use the PLSS and non-PLSS GIS data layer to automate BLM Master Title Plats; these are maps that depict current land status on public lands in the Western US. In the future BLM plans to create Master Title Plats (MTPs) for Federal Interest lands in the Eastern U.S. The BLM’s long-term goal is to use the MTPs in the upcoming Land and Mineral Records System (MLRS).

The effort to create the MLRS is ongoing. The BLM has created a Transition Plan for moving from a tabular land records system to a geospatially enabled land records system. Phase 1 of the Transition Plan included a review of BLM State Office business practices. The objective of the review was to ensure that the MLRS system will align with how each BLM state defines and manages their BLM land records. In addition, a major data clean up and validation of the data between the current tabular land records
database (formally called LR2000) and the Public Land Survey System (PLSS) GIS layer is in progress. It is a goal of the BLM to perform any required cleanup of the data prior to migration into MLRS.

Other BLM activities
The BLM is happy to announce that Dominica Van Koten has been selected as the new permanent Washington DC Chief Cadastral Surveyor. Dominica has spent the last 11 years as the BLM Eastern States Office, Chief Cadastral Surveyor. In this position she has been responsible for the management of the BLM cadastral survey program in the 31 states east of and bordering the Mississippi River. Before transferring to the Eastern States Office, Dominica spent 17 years working for BLM at the Alaska State Office in various positions; including Field Surveyor and Navigability Section Chief. She is an Alaska licensed land surveyor and holds a Bachelor’s degree in surveying engineering from Ferris State University in Michigan.
Dominica will report for duty in the Washington DC Office on April 29, 2019.

--Liaison for Cartography and Geographic Information Society (CaGIS)

- John Russell jr_rsi@frontiernet.net

John had to step away from his NSPS activities for a while. Idaho has a new Director, Stewart Ward. If possible, in the future John would be glad to serve on committees though. CaGIS seemed moribund the last time John checked in on them; however, the thread of GIS communities attracting PLS and unqualified measuring members is still viable.

--Liaison Council Of Geographic Organizations (COGO)

- Curt Sumner curtis.sumner@nsps.us.com

The biggest COGO news for NSPS is that Jon Warren has been unanimously elected as the Vice Chair of COGO, which will lead to him becoming Chair with the next transition of leadership.

Below is a link to the December 2018 COGO “Report Card of the U.S. National Spatial Data Infrastructure” which was submitted to FDGC. In 2015, COGO had submitted its initial NSDI Report Card.  https://www.oregon.gov/geo/Documents/2018COGOReportCard.pdf

As you probably know, Ligado is the latest iteration of LightSquared. NSPS submitted a letter (1st attachment) to the FCC at the suggestion of Brad W. Parkinson, 1st Vice-Chair, on behalf of the PNTAB. He also sent a letter (2nd attachment) the FCC. COGO also submitted a letter (3rd attachment) to the FCC regarding the Ligado proposal.

Curt
703-509-3601 cell
Curtis W. Sumner
On March 14, 2019, Jim Nadeau was officially appointed to TMAC, for a three-year term. He replaces Wendy Lathrop, who had represented NSPS and the surveying profession, as Surveying Member to TMAC. This appointment comes after a lengthy delay by the White House Administration. Since October 1, 2018, TMAC has not had a quorum, so it has not been able to function and fulfill its responsibilities. As a result there are a number of pressing items, such as completing the 2018 Annual Report, and preparing the 2019 Annual Report, having lost the first quarter of the year.

Land Surveyor Discussion Board

The Liaison for Federal Emergency Management Agency (FEMA), a subcommittee of the External Affairs Committee within NSPS, proposes an initiative to address the charges previously set forth by the President and the NSPS Board of Directors. This proposal is in response to the subcommittee being tasked with studying issues/options regarding improving NSPS membership involvement in the National Flood Insurance Program (NFIP). We feel a prudent first step in providing liaison and participation with allied professional societies with an intention to address NFIP issues, is to connect with our NSPS members. After researching avenues to establish and sustain communication, we propose to create an online discussion forum, which will serve the following functions:

Communication: Provide a secure environment for members to discuss topics and share resources relating to the role of Professional Land Surveyors in the National Flood Insurance Program (NFIP). This platform will create an opportunity for individual members to voice their experiences, ideas, concerns, and general thoughts in the areas of floodplain management, regulation, mapping, insurance, and FEMA document submittal.

Collection of information: The Committee will contribute by introducing questions and topics of interest pertaining to the NFIP. Responses will be analyzed and summarized in a report of
findings. The objective is to generate data on topics that are most relevant to land surveyors. As the forum develops, opportunities to receive concerns, topics, and questions from the Association of State Floodplain Managers and NSPS leadership could occur.

Expansion of professional network: By eventually inviting membership of allied professional societies to join the forum, we will expand efforts to strengthen stakeholder collaboration and understanding of land surveyor efforts within the National Flood Insurance Program.

We feel this approach will establish a system that provides multiple benefits to both NSPS and FEMA. Land surveyors play a vital role within the flood program, but individual experience is not often shared. It is our intention to extract this important knowledge and share it with the membership. The logistics of creating and monitoring this forum have been completed, and will be presented along with a budget proposal, at the NSPS 2019 Spring Board of Directors meeting.

Certified Floodplain Surveyor Program:

During the upcoming NSPS 2019 Spring Meeting, our committee will be meeting with those interested in discussing the possibility of NSPS administering a national certified floodplain surveyor program. This purpose of this discussion is to investigate the advantages and disadvantages for NSPS to sponsor a CFS program.

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Liaison for International Federation of Surveyors (FIG)
John Hohol jhohol@gmail.com

SUBMITTED BY JOHN HOHOL NSPS LIAISON TO THE INTERNATIONAL FEDERATION OF SURVEYORS (FIG), NSPS HEAD OF DELEGATION TO FIG ---- submitted March 11, 2019

The 2019 FIG Working Week will be held April 19-26 in Hanoi, Vietnam.

NSPS submitted a bid to host the 2023 FIG Working Week in Orlando, Florida. The NSPS bid was the only one received for 2023 therefore NSPS will host the 2023 FIG Working Week. The venue will be the Orlando Hilton/Waldorf Astoria Orlando Bonnet Creek Resort. Together with 1600+ sleeping rooms, it includes a 250,000 square foot convention center. Ideally for Florida weather everything is self-contained and under one roof. The 2019 NSPS Fall Business Meeting will be held at the Orlando Hilton Bonnet Creek so it will be a great opportunity to check out the facilities that will be used for the 2023 FIG Working Week.

The third FIG Young Surveyors North American Meeting was held jointly with the NSPS Young Surveyors Network on October 17-18 and was a great success.

Schedule of future FIG conference venues:
2020 FIG Working Week- Amsterdam, The Netherlands
2021 FIG Working Week- Accra, Ghana
2022 XXVII FIG Congress- Cape Town, South Africa
2023 FIG Working Week- Orlando, Florida USA

Other international activities involving NSPS. On November 13-17, NSPS hosted a surveying competition with a delegation of surveyors from China, arranged in cooperation with the Beijing Municipal Federation of Trade Unions in China. This Sino-American surveying competition was the first time Chinese or American surveyors participated in such an event.

The competition focused on surveying activities common to both teams. The “field” portion of the competition was scheduled to be conducted on the National Mall in Washington, DC however, due to
inclement winter weather conditions it was held at the NGS training facility in Corbin, Virginia. The “written” portion of the competition was short-answer questions chosen by the Chinese and US delegation leaders. The American team won the field competition while the Chinese team won the written competition. The Chinese team had a higher combined score so it won the overall competition. Everyone agreed it was a great opportunity to compete, meet, interact and learn with surveying professions from a different country and culture. The Chinese team said it would like to host an American team for a future competition.

Trimble played a major role in the success of the competition as it generously provided technical and field support as well as all surveying equipment along with providing two experts both fluent in both Mandarin and English. Trimble also sponsored the closing reception. Their local dealer, Keystone Precision, also provided outstanding hands-on support.

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Liaison for International Right-of-Way Association (IRWA)
- Robert Armstrong robert_t_armstrong@nps.gov

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Liaison for MAPPS
- VACANT

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Liaison for National Geodetic Survey (NGS)
- Jacob Heck Jacob.heck@noaa.gov

NSPS-NGS EXTERNAL AFFAIRS COMMITTEE REPORT
Submitted on March 31, 2019 by
Jacob M. Heck, Ph.D., Liaison for NGS
jacob.heck@noaa.gov

ACTIVITIES:
Since the last NSPS Directors meeting in October 2018, NGS has pursued these activities of significance to NSPS:

1) ITRF2014 Coordinates: NGS has completed the reprocessing of the CORS stations. The newly reprocessed CORS solution, called the Multi-Year CORS Solution 2 (MYCS2), is aligned to the ITRF2014 frame and supersedes the previous reference frame and realization. These coordinates are now available in beta CORS. [https://beta.ngs.noaa.gov/CORS/](https://beta.ngs.noaa.gov/CORS/)

2) GEOID18: The last hybrid geoid that NGS is releasing prior to NAVD 88 being is replaced by NAPGD2022 is currently available for public review on the NGS beta website: [https://beta.ngs.noaa.gov/GEOID/GEOID18/](https://beta.ngs.noaa.gov/GEOID/GEOID18/). It only covers CONUS, Puerto Rico, and the US Virgin Islands. Users outside of those areas should continue to use GEOID12B.

3) GPS on Benchmarks campaign: The 2019 priority list of benchmarks to observe is still being developed. Data from the GPS on BM campaign will go towards creating vertical transformation tools. In the meantime, a temporary priority list is available: [https://www.ngs.noaa.gov/GPSonBM/prioritize.shtml](https://www.ngs.noaa.gov/GPSonBM/prioritize.shtml).

4) NGS Webinar Series:
   a. Nicole Kinsman presented Vertical Datum Changes for Floodplain Mapping on November 15.
b. Galen Scott and Kevin Ahlgren presented GEOID18 Improvements and a Look Ahead on February 28.
c. Michael Dennis presented State Plane Coordinate System Update on March 7.
d. Tim Blackford will present Shoreline Mapping Data and Products on April 11.
e. All recorded webinars are available at: https://www.ngs.noaa.gov/web/science_edu/webinar_series/2019-webinars.shtml

5) Deprecation of the U.S. Survey Foot. NGS representatives will lead a discussion on deprecating the U.S. Survey Foot after 2022 at the NSPS Business meeting at 1:45 PM on April 12.

6) 2019 NGS Geospatial Summit: May 6-7 at the Silver Spring Civic Building and will also have a remote attendance option. Registration is due by April 5. https://www.ngs.noaa.gov/geospatial-summit/index.shtml

7) Blueprint for 2022, Part 3: The document is in review and is slated to be released prior to the Geospatial Summit. It describes how to work in the modernized National Spatial Reference System (NSRS).

8) NGS Strategic Plan 2019-2023: The new strategic plan was released in February. It covers NGS into the future. This is an update to the 2013-2023 Ten-Year Strategic Plan. https://www.ngs.noaa.gov/web/about_ngs/info/mission-strategic-planning.shtml

9) Mark recovery form: A new, mobile friendly version of the mark recovery form is available for beta testing: https://www.ngs.noaa.gov/surveys/mark-recovery/index.shtml

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Liaison for National Society of Professional Surveyors Foundation

- Jan Fokens charjan@me.com

NSPS 2019 Spring Meeting
Report to External Affairs Committee

Committee Name: National Society of Professional Surveyors Foundation, Inc
Submitted By: Jan S. Fokens, P.S. - Foundation Liaison
Date: March 26, 2019

Since the Fall Business meeting, the NSPS Foundation, Inc conducted four (4) Tele-Conference Board of Trustees meetings.

Since the primary concern of the Trustees is the financial well-being of the Foundation, the Trustees have received updated financial reviews of the various endowment funds managed by the Foundation as well as the Treasurer’s report of the Foundation’s General Operating Account.

Business that has been conducted since the Fall NSPS Meeting includes:
- Processed and Approved seven (7) Disaster Relief Application/ Grants (Hurricane Michael) for $14,308.00
- Initiated Review & Revision of the Disaster Relief Application
- Started procedures to obtain a legal review of Foundation policies, procedures, agreements, practices, and bylaws to ensure that the Foundation complies with current state and federal regulations for a public charity.
- Received, evaluated, and ranked twenty-five (25) student scholarship applications. Approved the award of scholarships to 14 of the top 15 ranked applicants.

The Trustees will vote on three (3) bylaw amendments to Article III of the Foundation’s bylaws at their spring Board meeting. This section of the Foundation bylaws requires that any amendments approved by Trustees must be ratified by a vote of the NSPS Board of Directors to be enacted.
The NSPS Foundation, Inc. Spring Meeting will be held Friday, April 12, 2019 - 8:00 am to 12:00 pm at which time there will be Election of Officers.

--Liaison for National Society of Professional Surveyors Political Action Committee (PAC)
  • Jon Warren jpwtrw@msn.com

NSPS PAC REPORT – Spring 2019 Washington D.C.

ACTIVITIES 2018-2019:
RESULTS OF 2018 ELECTIONS

The NSPS Political Action Committee (NSPS PAC) announced it contributed over $19,000 in support of 31 candidates for the U.S. Senate and House of Representatives for fall 2018 election.

No NSPS, corporate or foreign funds are involved. For more information about the NSPS PAC, and how to contribute, visit the NSPS PAC webpage.

"NSPS strongly supports these candidates. They were selected by our PAC, based on their records on professional surveying and general business issues, committee assignments, leadership positions, and the status of their election campaigns," said NSPS Executive Director Curtis Sumner. "This election cycle, we continued our implementation of a comprehensive process of candidate evaluation, input from our members, and staff analysis."

"The NSPS PAC is a bi-partisan PAC that supports Republicans and Democrats who have records of demonstrated support for the professional surveying community and our free enterprise system, and responsiveness to NSPS members," said Jon Warren, NSPSC PAC Chair.

Contributions were made to 4 Senatorial election campaigns and 27 House Representative Election campaigns. The PAC was perfect in the Senate contributions with each of the four recipients winning election. The House saw 22 of the 27 recipients win election. The overall record for the 2017-2018 cycle was an 84% win rate (26 winners and 5 losers).

California
Rep. Ken Calvert (R-CA)
Rep. Jeff Denham (R-CA)
Rep. Jackie Speier (D-CA)

Colorado
Rep. Doug Lamborn (R-CO)

Illinois
Rep. Dan Lipinski (D-IL)

Iowa
Rep. Rod Blum (R-IA) - LOST

Kansas
Rep. Kevin Yoder (R-KS) - LOST

Kentucky
Rep. Andy Barr (R-KY)
Maryland
Rep. Dutch Ruppersberger (D-MD)

Michigan
Rep. Bill Huizenga (R-MI)

Minnesota
Rep. Betty McCollum (D-MN)

New York
Rep. Carolyn Maloney (D-NY)

North Carolina
Rep. Virginia Foxx (R-NC)
Rep. Mark Meadows (R-NC)

North Dakota
Senate Candidate, Rep. Kevin Cramer (R-ND)

Ohio
Rep. Bob Latta (R-OH)

Oregon
Rep. Peter DeFazio (D-OR)
Rep. Kurt Schrader (D-OR)
Rep. Greg Walden (R-OR)

South Carolina
House Candidate Katie Arrington (R-SC) - LOST

Tennessee
Senate Candidate, Rep. Marsha Blackburn (R-TN)

Texas
Rep. John Culberson (R-TX) - LOST
Rep. Vicente Gonzalez (D-TX)
Rep. Pete Sessions (R-TX) - LOST
Rep. Randy Weber (R-TX)

Virginia
Rep. Gerry Connolly (D-VA)

Washington
Sen. Maria Cantwell (D-WA)
Rep. Suzan DelBene (D-WA)

West Virginia
Rep. Alex Mooney (R-WV)

Wisconsin
Sen. Tammy Baldwin (D-WI)
Rep. Ron Kind (D-WI)

NSPS PAC and “DAY ON THE HILL” 2019
“JB”, Palatiello, and Associates has been busy making contacts and setting up meetings with your legislators and some PAC meal events and a meeting with the White House! Several important meetings are evolving as we go to press. See you all at our 2019 “DAY ON THE HILL”!

--Liaison for Professional Surveyors Canada (PSC)
I remain in contact with PSC and receive their monthly e-newsletter “Horizon News”. Their website is https://www.psc-gpc.ca/
Their contact information is:

Professional Surveyors Canada - Géomètres professionnels du Canada | 900 rue Dynes Road, Suite/Bureau 101B, Ottawa, Ontario K2C 3L6 Canada

There have been no recent “face to face” meetings of the PSC executive committee; they conduct their business via video conferencing. When they have their next face-to-face meeting, I will arrange to attend.

--Liaison for Society for Mining Metallurgy & Exploration (SMME)

Subcommittee Report April 1, 2019
Liaison for Society for Mining Metallurgy & Exploration (SME)
Chair: Carl C.de Baca (NV)

Overview of SME
I have reached out to SME to see if they are interested in a liaison relationship and I have inquired as to their interest in mine surveying, surveying, surveying education and surveying certification. As of the date of this report, I have had no response. In the interim, I have made my way through the SME website, looked into many of their resources, and looked at all of their Standing and Technical Committees. While I anticipate joining SME as some sort of member in 2019, I must point out that it is clear from review of their website that they do not have an area of specific interest for surveyors. In SME bylaws, a Professional Member is defined as: employed in a position of responsibility in an area relevant to minerals exploration, extraction, production, processing, economics or metallurgy, including employment as an educator, engineer, scientist (including chemistry or any related earth science) management (including but not limited to chief executive officer, financial, legal, or human resources personnel); or (ii) hold a baccalaureate degree, masters degree or doctorate degree in engineering, mineral economics or any related earth, chemical or environmental sciences; or (iii) employed or educated in mineral exploration, extraction, production, processing, economics or metallurgy; or (iv) actively involved, directly or indirectly, with mineral exploration, extraction, production, processing, economics or metallurgy, whether through engineering, scientific, related earth science, management, executive, financial, legal, or human resources experience; or (v) engaged in marketing or technical sales of equipment and supplies used in mineral activities.

Their list of Registered Member classifications includes (but is not limited to) Geology, Resource Modeling, Geotechnical Evaluation, Engineering, Mine Design, Infrastructure, Metallurgy and Processing, Environmental, and Market and Financial Analysis. The profession of Surveying is not really on their radar, as far as I can discern. SME has a conference entitled “Mining for a Modern World” scheduled for April 15-17 2019 in Duluth, Minnesota. SME also has a Rapid Excavation and Tunneling” conference scheduled in Chicago, Illinois for June 16-19, 2019 and the International Conference on Ground Control in Mining, which is scheduled for July 23-25, 2019 in Morgantown, West Virginia. It should be noted that
the term ‘ground control’ when used in mining, refers not to survey control but to maintaining safe excavations in rock and soil through slope management and strata control. Given the complete absence of anything in their bylaws or elsewhere on their website regarding our profession, and the fact that SME Standing and Technical Committees do not include any that specify Surveying as a task, goal, operation or even a concern, I question whether liaising with this organization will be of any value to NSPS, now or in the future.

Other Opportunities

However, while doing research on mining and mine surveying, I have taken another look at the International Society for Mine Surveying (ISM). This may well be a more fertile area to explore in the realm of mining and mine surveying.

I have taken it upon myself to contact the ISM president, Professor Dr. Anatoly Leontyevich Okhotin to explore joining ISM and possibly establishing an effective liaison between NSPS and ISM. At this point, I have not joined as an individual member of ISM but am contemplating joining to stay abreast of their activities. In his reply to my query, Dr. Okhotin informed me that the US has a member delegate to the ISM already, although who that individual is, what organization they may represent and to what extent they participate in ISM activities is still to be determined. It does not appear that this member delegate serves NSPS in any capacity or reports to the NSPS Board of Directors. We need to gain a better understanding of this situation as it is patently obvious that any US delegate to ISM should represent NSPS. The ISM has a yearly Presidium and a full Congress every third year. They are holding a Congress on September 26-30, 2019 in Irkutsk, Russia. In recent years, they have met in Brisbane, Australia, Trondheim, Norway and most recently, their 46th Presidium was held in Tashkent, Uzbekistan in May 2018. Additionally they held a summer school for students, mine surveyors and surveyors in China in July, 2018. Some background information on the ISM;

1. The group is an association of specialists in mine surveying or in the fields belonging thereto. · ISM is a permanent member of the World Mining Congress but operates as an independent organization. · According to their website, the purpose of ISM is to encourage co-operation in the various fields of mine surveying by means of:
2. The organization of scientific congresses
3. The fostering and issuing of publications, particularly those relating to the congresses and the commissions
4. Cooperation with the International Societies in the fields of mining, geodesy, geology, geophysics, rock-mechanics, etc.
5. The fostering of worldwide co-operation in mine surveying by exchanging the students, academic staffs and practitioners in mine surveying between individual countries. In order to realize the aims of the ISM, national Associations or sections of mine surveyors in the appropriate specialist organizations should be constituted, unless they already exist. They delegate a member to the ISM Presidium, as a rule. The structure of the International Society for Mine Surveying is organized into 6 scientific commissions:

ISM Commission 1 EDUCATION, LEGAL ISSUES, WEB-PRESENTATION, HISTORY
ISM Commission 2 GEOMETRY OF MINERAL DEPOSITS / MINERAL RESOURCES MANAGEMENT
ISM Commission 3 INSTRUMENTS, MINE SURVEYING MEASUREMENTS, MINING CARTOGRAPHY
ISM Commission 4 ROCK AND GROUND MOVEMENTS, SUBSIDENCE DAMAGES
ISM Commission 5 ENVIRONMENTAL PLANNING
ISM Commission 6 ECONOMIC TRANSFORMATIONS, SUSTAINABLE DEVELOPMENT, LAND RECLAMATION, NEW ENERGY RESOURCES

As you can see, this a much more relevant mining organization with which to liaise. The only downside is that there would be significant expense related to attending any ISM events.
Other Issues
One way in which we could possibly make inroads with either one or both of the organizations discuss above would be to develop a Certified Survey Technician program specific to Mine Surveying. However, I have made this suggestion previously, including once to members of the CST board and have heard and seen nothing in the interim to indicate that this suggestion has received any attention. MSHA the federal agency tasked with Mine Safety has a strong presence at Vincennes University, as does our CST board. Surely, there is a way to generate some synergy from this coincidence.

I hereby make the suggestion again: **NSPS should develop a CST program for Mine Surveying**, and embed therein a strong safety component, which might catch the attention of MSHA, and thereby the mining industry.

Report submitted April 1, 2019
Carl C.de Baca, P.L.S.
Liaison for Society of Mines Metallurgy & Exploration
Nevada NSPS Director

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Surveyors Historical Society

Report to National Society of Professional Surveyors Board of Directors
2019 Spring Meeting – Arlington, Virginia
April 9-14, 2019

**RENDEZVOUS 2019**

Rendezvous 2019, sponsored by Surveyors Historical Society and the Utah Council of Land Surveyors, will be held at the Double Tree Salt Lake City Airport. 2019 is the 150th anniversary of a number of events relevant to surveying including:

- The Golden Spike ceremony at Promontory Summit, Utah
- The establishment of the USC&GS Latitude and Longitude station in Salt Lake City
- The partial resurvey of the Salt Lake Meridian
- The descent of the Green and Colorado Rivers by John Wesley Powell
- The beginning of the Wheeler Survey in the Great Basin

Dates for Rendezvous 2019 are September 18-21, 2019.

**501(c)(3) STATUS**

Through a series of unfortunate events including multiple address changes, filing of incorrect forms and a change in administration, Surveyors Historical Society (SHS) had its 501(c)(3) non-profit status revoked. The revocation occurred on May 15, 2017 “for failure to file a Form 990-series return or notice for three consecutive years.”

To the best of our knowledge, SHS never received a notification of the revocation, probably due to the issue with address changes. IRS Form 990s were submitted for 2015 and 2016 but for reasons the IRS is unable to explain, those submittals were not credited to SHS and could not be located in the IRS database.
The revocation was not discovered by SHS until March 2018. Immediately upon discovery, SHS Executive Director Melinda Gilpin began working with IRS offices in Covington, Kentucky and Ogden, Utah to resolve the matter. She and SHS Chief Financial Officer Bill Weikel spent countless hours researching SHS records, collecting data and filling out the complex 990 tax forms and Form 1023, Application for Recognition of Exemption. All forms, schedules and addendums as well as 5 years’ worth of our publications were submitted to the IRS on May 31, 2018.

On November 28, 2018, SHS received a Letter of Determination from the IRS indicating that the SHS 501(c)(3) non-profit status has been restored retroactive to the date of revocation. This means that any contributions made to SHS during the period of revocation remain **deductible as charitable donations for federal income tax purposes.**

Richard Leu, Chairman
Surveyors Historical Society

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Liaison for NSPS Young Surveyors N.A.
- Chris Glantz  [hrisglantz@gmail.com](mailto:hrisglantz@gmail.com)

**2019 Spring NSPS Meeting - Sub-Committee Report**

**Officers:**
- David Anderson, President,  [danderson@atwell-group.com](mailto:danderson@atwell-group.com)
- Denver Winchester, Vice-President,  [chrisglantz@gmail.com](mailto:chrisglantz@gmail.com)
- James Combs, Secretary,  [denver@smalltownls.com](mailto:denver@smalltownls.com)
- Chris Glantz, NSPS Delegate,  [chrisglantz@gmail.com](mailto:chrisglantz@gmail.com)

**Current Membership:** 363

**Last Meeting:** February 27, 2019

**Items discussed since last update:**
1. Young Surveyors Network website
   - NSPS purchased the [http://youngsurveyors.org/](http://youngsurveyors.org/) domain and is working with a company to build a Website for our use.
2. NSPS YSN Student Resume Competition
   - YSN organized the third and final NSPS YSN Student Resume Competition. There were only two applicants, and there has been a steady decline in applicants since the first competition in 2017. The 2019 winner is Adele Phillips.
3. FIG-NSPS YSN North American Meeting
   - The FIG and NSPS YSN planned and hosted a North American Meeting in conjunction with the Fall Maryland Society of Surveyors Conference and the Fall NSPS Meeting. The meeting brought young surveyors from around the US and the world. There were 55 attendees (not including guests and speakers) from five countries. The planning team raised $22,763.44 to support the meeting. Sponsors included Trimble, Sam Inc., FIG Foundation, Leica Geosystems, ESRI, NSPS, Maryland Society of Surveyors, DC Association of Land Surveyors, David Doyle, and David Weber. Evaluation report can be found here: [https://docs.google.com/document/d/1DC6RZZPy1X56nXz5-sPz4hRjEyNbMjQio2sbq95Qno/edit?usp=sharing](https://docs.google.com/document/d/1DC6RZZPy1X56nXz5-sPz4hRjEyNbMjQio2sbq95Qno/edit?usp=sharing)
4. Spring 2019 Meeting
   - The spring 2019 gathering will include a business meeting and two speakers who will discuss leadership. The YSN is also planning to attend a few committee meetings along with the NSPS Board of Directors meeting.

**Items to be discussed in 2019:**
1. Financial and strategic planning for YSN
2. Upcoming Officer Elections - to be held August 2019
3. Plan 2019 Fall NSPS YSN meeting

Submitted by David Anderson,
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