

September 2017

## President's Message

By Frank Marescalco



It's hard to believe that it's already September – 2017 is passing us quickly! This is my last address to you as president – for at least another three years! It's been since May that our section sent an update, but a lot happened over the summer!

For the last couple years, our section's leadership has focused a tremendous amount of energy in building up our basic programming and metaphorical infrastructure to open the doors to new leadership and increased participation from our members. This summer, all of that effort paid off in a huge way. For the first time in at least three years, our section is boasting an elected officer in each of its board positions! We are also pleased to announce that we now have a Programming Committee Chair and a Government Relations Committee Chair. That means that three of our four standing committees are officially alive again! And as if that weren't enough, our YMG now has a co-chair! Please join me in a huge thanks and welcome to our newest leadership volunteers. And please join me in thanking the officers who have all made this possible! You can [read about our new leadership](#) by visiting our website.

You'll have a chance to meet our new leaders face-to-face at our section meeting this month. It's our annual joint meeting with the Structural Engineers Association of Washington. We will also have our Region 8 Director, Dale Nelson, F. ASCE to perform the induction of our new officers. And we will also have a speaker from the Licensing Board to give a talk about electronic seals and the Board's enforcement process. Don't miss it! [Sign up now.](#)

I have high hopes for our new leadership team. They are drawn from our section's membership which has proven itself full of talent year after year. This summer, two of our section's members received distinguished awards from the Society itself! Secretary Roger Millar of the Washington State Department of Transportation received the Society's Outstanding Public Official Award for 2017. Mr. Donald Ballantyne was selected by the Infrastructure Resilience Division to receive the 2017 Charles Martin Duke Lifeline Earthquake Engineering Award. Our section is proud to count such incredible engineers as its own! We should look to their examples for inspiration in our own work.

The onset of fall also means that our section's young members are getting ready to take on the PE exam. Between section review events, YMG review events, and GeoEngineers, we have a whole bunch of free review sessions coming up! You won't want to miss it if you're getting ready to take the exam. Check out our [events webpage](#) for more information!

It has been a pleasure to serve as your president. I am excited to pass the torch to my successor, Mr. Derek McCoy, and all of our new leaders! I am confident that they will do great things with the section! I will continue to serve the section in my capacity as past president. Thanks for reading, and hope to see you soon!

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*A late summer evening sunset settles over Vaughn Bay. Photo credit goes to Dale Kier at [dekaygig@hotmail.com](mailto:dekaygig@hotmail.com).*

## September 2017 Monthly Program

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### Annual Joint Meeting with the Structural Engineers Association of Washington Electronic Seals, New Licensure Website, Enforcement Process

September is our annual joint meeting with the Structural Engineers Association of Washington. As always, we are excited to share a meal and program with our structural specialist brothers and sisters.

Are you currently sealing and signing drawings electronically? Do you sign a pdf? Does your drafter add your seal and signature? You are probably violating the Washington State Law and Rules! Shanan Gillespie will discuss the current Washington State regulations on electronic signatures and how you should be protecting your seal and signature. She will also highlight the new Washington State online licensing renewal system and the new abilities that are about to be launched for Washington registrants. Jill Short will follow with information about the complaint process, due process for you if you have a complaint filed against you, and the general investigative process... just in case you are violating the electronic seal and signature provisions!

We will also take this section meeting as an opportunity to formally induct our newest board members. Our Region 8 Director, Mr. Dale Nelson, PE, F.ASCE, will be coming down from Alaska to perform the induction personally. Many region directors go on to run for president of the entire Society – so this could be a chance for you to meet a future president-elect candidate! Don't miss out!

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<b>Date and Time</b>	September 19, 2017 at 5:30 PM
<b>Location</b>	7 Seas Brewery and Taproom 2101 Jefferson Avenue Tacoma, WA 98402
<b>Schedule</b>	5:30 PM to 6:00 PM Reception and Social 6:00 PM to 6:45 PM Announcements, Induction, Section Business Program begins at 6:15
<b>Menu</b>	Catered dinner by 3UILT (pronounced "built") Cured meats, salami, cheese, pickled vegetables, crackers and crostini Salad Mini sandwiches Cheese and fruit plate
<b>Price</b>	Members:       \$30 Students:       \$15
<b>Reservations</b>	You can RSVP by <a href="#">clicking here!</a> RSVPs must be in by Friday, September 15 <sup>th</sup>

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## Announcements

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We have plenty of information to share and opportunities to engage coming up, so be sure to check in.

- ***New Officers and Committee Chairs***

Our section's membership and leadership are both continuing to grow and we are pleased to have added the following volunteers to our leadership staff: Mr. John "Chase Eaton, Mrs. Deepa Akula, Mr. Tim Horton, Mr. Jonathan Carp, Mr. Tom Szymoniak, and Ms. Bernie Sison. You can [read more about their background and positions on our webpage](#). We are absolutely thrilled to have not only a full board, but a few more of our standing committees coming online with volunteer leadership! Please join our section in welcoming the new leadership at our section meeting this September. Our newest leaders will officially assume their duties in October.

- ***Greatness Within Our Ranks***

Our membership is full of outstanding engineers and this summer proved it. Secretary Roger Millar of the Washington State Department of Transportation was nominated for and received the Society's Outstanding Public Official Award for 2017. Mr. Donald Ballantyne was selected by the Infrastructure Resilience Division to receive the 2017 Charles Martin Duke Lifeline Earthquake Engineering Award for his contribution to the advancement of lifeline earthquake engineering and seismic awareness and preparedness of water and wastewater utilities. Our section is proud to count such incredible engineers as its own!

- ***Semi-Annual Water Resources/Geotechnical PE Exam Review Sessions – Free!***

GeoEngineers and ASCE Tacoma-Olympia are joining forces once again to offer PE candidates free review sessions on the breadth exam for geotechnical and water resources subject matter. GeoEngineers will be hosting three separate review sessions – one in Tacoma, one in Redmond, and one in Seattle. ASCE Tacoma-Olympia will host a water resources session right here in Tacoma. For details, [check out our events page!](#)

- ***General PE Exam "Freestyle" Study Session***

The YMG is offering an October study session for PE candidates, separate from the water and geotechnical sessions put on by GeoEngineers and ASCE Tacoma-Olympia in September. Candidates will gather to go over timed practice problems covering all disciplines. There will be time to discuss each exercise afterward so that everyone can benefit from seeing how others approach problem-solving. This sort of collaborative, focused effort can make the difference between success and failure on the exam. For details, [click here!](#)

- ***ASCE Tacoma-Olympia and Seattle Join Forces for a YMG Hike***

The Tacoma-Olympia ASCE YMG looks forward to joining Seattle's younger members for a hiking trip in the Snoqualmie Region on Saturday, September 16. The two sections plan to meet at 9:30 AM at one of the following trailhead locations: [Snow Lake](#) and [Gem Lake](#), [Rachel Lake](#), or [Teneriffe Falls](#). This will be a great time to get to know some fellow civil engineers in the Tacoma-Olympia and Seattle areas! The more the merrier, so feel free to invite friends and family of all ages. Please click [here](#) to register for the hiking trip and vote for your preferred hike. Carpooling to and from the hike will be organized at a later date. If you have any questions, feel free to contact Carlyn Harlow at [tacoma.olympia.ymg@gmail.com](mailto:tacoma.olympia.ymg@gmail.com).

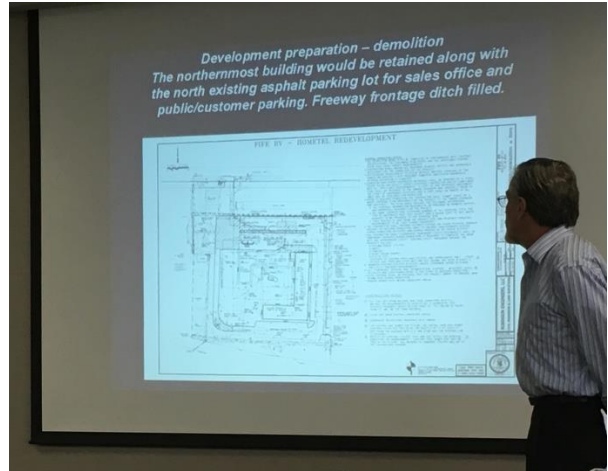
- ***Government Relations Committee Seeks Co-Chair and Participants***

We are pleased to announce that the section's standing Government Relations Committee has a new chair! Ms. Bernie Sison comes to our section with experience in legislative matters for several other professional groups, and we are excited to have her leadership for our own. If you have ever wanted to participate in government relations in ASCE, now is the time! If you are interested, contact Bernie directly at [berniepmi@gmail.com](mailto:berniepmi@gmail.com)!

## Recent Events

### *Pervious Pavement Case Study*

In May, Mr. Beckman presented on a case study installation of pervious pavement in Fife. The installation is a good one to study because the pavement was constructed over soil with a marginal infiltration rate and high groundwater. The installation is over five years old and it still works well, making it one of the first installations in our region over poor soils. The fact that it has performed well in the long run makes a strong case not only for the use of pervious pavement, but for the importance of maintaining pervious pavement in the long run.



### *Annual Rainiers Baseball Game Outing*

Our section gathered at Cheney Stadium in June for its annual Rainiers baseball game outing. Tacoma lost, but the game was still a great time. Our section had a very good attendance with many members bringing children and family members. We were fortunate to have good weather for the evening as well – a great way to kick off the summer!



## Volunteering Opportunities

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The Tacoma-Olympia section of ASCE needs all of its members to make our section all that it can be! We currently have positions to serve on committees, get involved with our Younger Members Group, and help coordinate events or give presentations. We also have volunteer opportunities for community-minded individuals. Here are some open volunteer positions we have available now. Our volunteer opportunities are always changing, so remember to check back next month if you can't join anything this month! Contact any of your board members if you are interested in serving.

**Government Relations Committee Participants;** *Approx. time commitment: 0 to 1 day per month.* The Government Relations Committee is a standing committee within the Section. The committee has a chair and is now in need of a co-chair and participants. The committee may write articles for our newsletter, mobilize members to action for important legislative events or bills, or coordinate with state lobbyists. Some ASCE members even participate in the annual fly-in to Washington D.C. Now is an excellent time to step up and serve the committee under our experienced committee chair's leadership.

**History and Heritage Committee Chair;** *Approx. time commitment: 0 to 2 days per month.* The History and Heritage Committee is a standing committee concerned with local civil engineering history. This committee position is an excellent fit for history buffs. The responsibilities include researching and dedicating historic works of civil engineering within our geographic area of coverage. The committee is also tasked with producing a quarterly newsletter article about a local work of civil engineering and what makes it historically significant.

**Math and Science Tutor (Ongoing);** *Approx. time commitment: varies.* Our Section members help local students with math and science tutoring through programs in our schools and colleges. If you have a knack for helping young people with their technical studies, our Section needs your help! You can volunteer for positions that are local and work within your time limitations.

**Program Speakers;** *Approx. time commitment: 2 days per event.* Our section is always looking for individuals willing to speak to the Section at our monthly programs. Topics pertaining to engineering are always welcome, but our Section has hosted speakers who have given presentations about a range of other topics as well. Speakers are provided with a meal and a small personal item as thanks for their willingness to contribute.

## Calendar of Upcoming Events

### September 2017

6	ASCE Tacoma-Olympia Board Meeting – 6:30 PM Elmer's of Tacoma 7427 South Hosmer Street Tacoma, WA 98408 RSVP not necessary – open attendance to all members
14	Water Resources and Environmental PE Exam Study Session – 5:00 PM Attendance is free and there will be pizza ← City of Tacoma Center for Urban Waters 326 East 'D' Street, Tacoma, WA 98421 RSVP at our website: <a href="http://sections.asce.org/tacoma-olympia/events">http://sections.asce.org/tacoma-olympia/events</a>
16	ASCE Tacoma-Olympia and Seattle YMG Hike Snoqualmie Region – Trailhead to follow RSVP at our website: <a href="http://sections.asce.org/tacoma-olympia/events">http://sections.asce.org/tacoma-olympia/events</a>
19	September 2017 Section Meeting – 6:30 PM Annual Joint Section Meeting with SEAW Electronic Seals and Digital Signatures 7 Seas Brewery and Taproom 2101 Jefferson Avenue Tacoma, WA 98402 RSVP at our website: <a href="http://sections.asce.org/tacoma-olympia/events">http://sections.asce.org/tacoma-olympia/events</a>
21, 25, 27	GeoEngineers Geotechnical PE Exam Study Sessions – 5:30 PM Sessions are held at GeoEngineers locations in Tacoma, Redmond, and Seattle <a href="#">Click here for additional details!</a>

### October 2017

4	ASCE Tacoma-Olympia Board Meeting – 6:30 PM Location TBD RSVP not necessary – open attendance to all members Visit our <a href="#">events webpage</a> for updates!
10	PE Exam “Freestyle” Study Session – 5:30 PM University Place Pierce County Library 3609 Market Place West University Place, WA 98466 RSVP at our website: <a href="http://sections.asce.org/tacoma-olympia/events">http://sections.asce.org/tacoma-olympia/events</a>

## Employment Opportunities

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### **Apex Engineering, PLLC**

#### *Project Engineer Job Description*

Apex Engineering, PLLC, which serves both the private and public sector, is currently seeking a talented, recognized, and driven individual for civil design in our Tacoma, Washington office. This individual will provide project civil engineering expertise for preliminary and final design, preparation of construction documents, cost estimates, project scheduling, and overall design. Will serve as a responsible technical lead, performing technical tasks and coordinating the use of resources to accomplish multiple, concurrent infrastructure projects. Must be able to work effectively and communicate regularly with municipal clients, federal, state, local agencies, clients and staff.

#### Essential duties include:

- Prepares and produces reports, specifications, plans, and designs for projects
- Evaluates need for design changes and makes appropriate recommendations
- Attends onsite and offsite client meetings
- Visits construction sites to monitor progress
- Uses computer assisted engineering and design software and equipment to prepare engineering and design documents
- Experienced in and fully capable of using Civil3D, WaterCAD, and the Microsoft software suite including Word, Excel, and Power Point
- Submits documents to federal, state, and local agencies for code compliance review and obtains permits required.
- Provides excellent client service

#### Requirements:

- Bachelors of Science in Civil Engineering
- Requires a minimum of 5 years relevant experience
- Washington Professional Engineer (PE) license required or must be able to obtain within 12 months of hire
- Experience in water resources planning and hydraulic analysis
- Familiarity with AWWA design methods, standards, and specifications
- Time management skills and ability to prioritize multiple tasks desirable

## Membership Information

National membership rates may be found at <http://www.asce.org/membership>.

Section membership rates

- Individual: \$25 per year
- Student member: free
- Life member: Free

## Advertising Rates

Did you know you can purchase advertising space to promote your business, sponsor the section, and spread the word about job opportunities? Our newsletter is distributed to a growing membership base with about 500 viewers each month. We offer space in our newsletter at the following monthly rates:

- 1/4 page: \$25
- 1/2 page: \$50
- Full page: \$100

If you are interested in purchasing space in our newsletter, contact our treasurer Jessie Chen at (253) 310-6046 or [Jessie.asce@hotmail.com](mailto:Jessie.asce@hotmail.com).

If you're a member seeking employment, you can request space in our newsletter to run a short ad. All you need to do is contact us!

Connect with us on Facebook! [Click here!](#)  
Check out our Instagram account! [Click here!](#)

Looking for a previous issue of the newsletter? You can find them all on our website at:  
<http://sections.asce.org/tacoma-olympia/newsletter>.

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