



Monthly Newsletter

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Visit us on the Web!
sections.asce.org/columbia

Since October 10, 1950

January 2013

Columbia Section Monthly Meeting

Date:	January 30, 2013
Place:	O'Callahan's Restaurant— Directions Shilo Inn, 50 Comstock Street, Richland WA 99352
Meal:	Buffet (Chef's Choice) - \$20 for members and non-members. Pay online or Cash/Check/(Now Credit Card) accepted at the door.
Topic:	Hanford 300 Area Cleanup—308-A TRIGA Reactor/340 Vault and Tanks/309 Reactor Disposition
Speaker:	Matthew LaCome, PE
RSVP to:	Register online through the ASCE Columbia Section Website. Or contact Teresa Peterson (509) 546-2046 teresa.peterson@hdrinc.com

President's Remarks

Greetings,

I hope you all had a wonderful Christmas and New Year's holiday. As we start 2013 I'm looking forward to an exciting and eventful new year. It appears that the governmental "fiscal cliff" has been averted so that's good news!

This month we're looking at hearing from Matt LaCome with Meier Architecture Engineering. Matt will update us on the Hanford 300 area cleanup. It is currently being cleaned up to remove two research reactors, a radioactive waste storage vault, and several building slabs. When the work is completed it will have removed an estimated 13,000 tons of contaminated material transported to ERDF, and also will remove 22,000 tons of contaminated soils from near the 340 Building. One individual item alone being transported weighs 1,700 tons!

Nominations for the 2013 Tri-Cities Engineer of the Year must be submitted to Bonnie Bates of WSU Tri-Cities by Monday, January 28th. See the attachments to the newsletter for requirements, rating sheets, nomination form and application form. Most of you recall but the last time someone from our group won it was in 2009 and was our very own Ben Volk.

At this month's meeting, we're proud to announce that we can now take credit card "at the door" if you forgot to pay online in advance. I don't mean at O'Callahan's, but actually with a card reader we'll have on site. Our overall goal is to continue making attending meetings as easy and convenient as possible. I hope to see you there this month.

Sincerely,

Paul Knutzen, PE, LEED AP BD+C



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Celebrate Awesome

This year's Engineers Week theme celebrates you—engineers, engineering students, and technicians—and all of the amazing things you do everyday to make the world a better place. Order your 2013 Volunteer kit and start planning your awesome Engineers Week activities. [Go to the website!](#)

Alternative contracting methods used for \$1.3B Ore. bridge program

Construction of the Interstate 5 Willamette River Bridge -- the largest component of the Oregon Transportation Department's \$1.3 billion statewide bridge repair and replacement program -- is using the construction manager/general contractor method for project delivery. [See the full article.](#)

WSDL Board position on incidental surveying practice

The Board's position on professional engineers performing topographic surveying. [See the full article](#)

TRI-CITIES ENGINEER OF THE YEAR AWARD

The Award for Year Ending December 31, 2012 will have a public announcement and presentation of Engineer of the Year award at the Engineers' Week Banquet in February. Nominations are due mid to late January. We have included the paperwork with this month's newsletter.

OSBEELS: The Oregon Examiner

Newsletter published by the State Board of examiners for engineering and land surveying. [See the Fall 2012 Issue.](#)

WA State Government Lean Transformation Conference

Agenda: Welcoming remarks, opening comments by Governor Chris Gregoire, opening keynote address by Dr. Robert Mecklenburg (Virginia Mason Institute). [See the Video.](#)

WSDOT Planning Studies List

The statewide map of Planning Studies shows individual counties and allows the user to select an individual study or county for more detail. [See the List.](#)

2013 Inland Empire Regional Bridge Building Educational Project

For the 17th straight year the Spokane Chapter of the Washington Society of Professional Engineers and various engineering organizations are sponsoring the 2013 IERBBRP. [Go to the Website.](#)

Three Declare as Candidates for Nomination for ASCE President-Elect

Three individuals have declared themselves as candidates for nomination for the office of ASCE president-elect in this year's elections. [See the full article.](#)

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Branch News

Happy New Year!
Our next meeting will be February 5th. Please consider volunteering for Engineering Day. It is a great event and we would love to see all of you at YVCC in February. Contact anyone on the board with questions or to volunteer.

**Upcoming
Volunteering
Opportunities**

E-Day Informational Meeting
February 7, 2013 - at Noon
HLA - 801 N. 39th Ave.
Yakima, WA 98902
Pizza will be provided, come with ideas for your activity.

Engineering Day
February 23, 2013—YVCC
Informational Meeting TBD
Please donate to E-Day if possible to help with expenses. A donation box will be available at each branch meeting or contact LisaRene to donate any other time

City of Yakima
Spring 2013—Date TBD
Exterior painting of Senior housing and neighborhood cleanup.

Yakima Branch Monthly Meeting

The next meeting will be at a DIFFERENT LOCATION:

Date: Tuesday, February 5, 2013—**DATE CHANGE**

Place: Clarion Hotel—Meeting Room—[Directions](#)

1507 N 1st St, Yakima, WA 98901

Meal: Lunch Buffet - \$5 for members and \$13 for non-members. Please pay cash or check to treasurer at meeting.

Topic: **Alaska Way Viaduct Replacement—Design and Construction**

Speaker: **Matt Preedy—Deputy Administrator, WSDOT**

Lunch will start at noon. The presentation will run to 1:30pm. Please plan accordingly.

RSVP: Please use the Constant Contact email, or contact Jason Ingalls (509) 966-7000
jingalls@hlacivil.com

Alaska Way Viaduct Replacement

This month we have the opportunity to learn about one of the exciting projects under construction in the Seattle area. The Alaska Way Viaduct project is a multi-phase project to replace the State Route 99 bridge/viaduct along the Seattle waterfront with a new viaduct and tunnel. To complete the project, the world's largest-diameter tunneling machine had to be custom built and will begin tunneling the summer of 2013. The SR 99 tunnel is scheduled to be open to traffic in 2015, with an overall viaduct replacement budget of \$3.1 billion.

We are excited to welcome Mr. Preedy with WSDOT to further explain the project background and current construction status. For more information about the project, please visit: <http://www.wsdot.wa.gov/Projects/Viaduct/>

Engineering Day—Explained

Engineering Day (E-Day) is held on the final day of Engineer's week by our local ASCE branch and the Yakima Valley Community College engineering department. E-day is an opportunity for local elementary school aged kids to connect with math, science, and engineering related topics, with the hope of inspiring future engineers. For more information on national Engineers Week please visit: <http://www.eweek.org/Home.aspx>

E-Day will be held at the YVCC Hopf Union Building (HUB) Saturday February 23rd. Volunteers from YVCC and ASCE will setup and man stations with different activities, challenges, games, etc. for kids to enjoy. Examples of different activities can be found here: <http://www.eweek.org/EngineersWeek/DiscoverE.aspx?ContentID=91&Version=3> but we welcome and encourage any idea for an activity you are willing to setup and man.

We will hold an informational meeting February 7th at noon at the HLA engineering office located at 801 N. 39th Ave. in Yakima. Please show up with ideas and enthusiasm for this event and we will provide the pizza!

**Engineers
Week
2013**
February 17-23

**Tri-Cities Engineers Week Collation (TC-EWeek) &
Washington State University Tri-Cities (WSU-TC)**

**REQUIREMENTS FOR TRI-CITIES ENGINEER OF THE YEAR AWARD
Award for Year Ending December 31, 2012**

1. **Criteria for Tri-Cities Engineer of the Year Award:**

- a) One Engineer may be nominated by each participating Technical Society local Chapter or Section.
- b) An Engineer may also be nominated by three or more Registered Professional Engineers following the same procedures as required for nominations by Technical Societies, except that each of the nominating Professional Engineers shall sign the nomination form
- c) Each nominee shall be a resident of, or work in, southeastern Washington.
- d) Each nominee shall have accomplished significant engineering achievements during the most recent three calendar years (i.e. January 1, 2010, through December 31, 2012) in order to be eligible for the award. The award will be presented during Engineer's Week, February, 2013.
- e) Each nominee must be an Engineer who is engaged in engineering work within the nominating society's technical discipline. The "engineering work" may consist of engineering design, analysis, or other engineering functions performed directly by the Engineer, or such work that has been accomplished under the direct responsible charge of the Engineer. For nominations submitted under the provisions of b) above, the engineering work must be within the technical discipline of at least one of the nominating Professional Engineers.

2. **Nominee Evaluation and Selection Data:**

- a) Work-related data submitted shall be for projects or activities completed or in-progress only during the 2010-2012 calendar years (see 1.d) above).
- b) Submit data for professional contributions including technical society activities, papers published and patent awards **completed or in-process during calendar year 2010 through 2012 only**.
- c) Identify Community Contributions by the nominee **performed during the years 2010 through 2012 only**.
- d) The nominee shall complete "Nomination Form for Engineer of the Year" (Attachment I). The technical society or the Professional Engineers sponsoring the nominee shall then review and verify the information in the application and then complete "Nominator Form for Engineer of the Year" (Attachment II). The completed application and nomination forms shall then be submitted electronically to the Chair, Tri-Cities Engineer of the Year Selection Committee. Use the electronic forms provided to ensure all of the pertinent information is presented in a fashion to help highlight the nominee's contributions for the judges.
- e) Criteria for judging as well as the weighting factors to be used for selection are contained in the Tri-Cities Engineer of the Year Criteria Rating Sheet (Attachment III).

3. **Award Selection Committee:**

- a) *Chair:* The Chair of the Selection Committee shall be designated by TC-EWeek and the WSU-TC representative on the committee.
- b) *Membership:* Up to four additional members of the engineering community in Tri-Cities shall be selected by the Chair with concurrence of the WSU-TC representative on the committee.

- c) The makeup of the committee should reflect a cross section of engineering disciplines and employers including those in consulting engineering, engineering management, engineering projects, academia and research in order to fairly evaluate candidates for the award. The committee should include members that have previously been involved in the judging of the award and/or previous award winners.

4. **Award Selection Process:**

- a) The Selection Committee will normally meet in early-February at a time and place determined by the Chair of the Selection Committee.
- b) The Selection Committee will review data on the qualifications of nominees and will use the rating sheets to compare candidates. Decisions on the winner will be based solely on the submitted material in the application and nomination forms. Please do not submit additional data such as resumes.
- c) Decisions of the Selection Committee shall be final.

5. **Presentation of Award:**

- a) Public announcement and presentation of Engineer of the Year award will take place at the Engineers' Week Banquet in February.
- b) All nominees will be recognized at the awards presentation. A designated representative of the technical society or the Professional Engineers that submitted the nomination will be allocated approximately three minutes to speak on their nominee for Engineer of the Year's outstanding performance.
- c) Awards will be presented by the WSU-TC engineering program representative. The Engineer of the Year Award will consist of an individual award plaque (or equivalent) and the awardees' name added to the perpetual award plaque to be displayed at WSU-TC.

6. **Requirements for Participation:**

- a) The Technical Society or Professional Engineers who intend to submit nominations must give notice to the Chair, Tri-Cities Engineer of the Year Selection Committee, at the email below, by **Thursday, 17 January 2011**, stating that they wish to participate.
- b) The completed nomination and nominator forms (Attachment I and II) must be submitted via email to Chair, Tri-Cities Engineer of the Year Selection Committee electronically by 5:00 p.m., **Wednesday, 30 January 2011**.
Send to: Ben Volk
Chair, Tri-Cities Engineer of the Year Selection Committee
e-mail: bvolk@JUB.com phone: 509-783-2144
- c) A PowerPoint slide describing the nominee and the nominee's accomplishments shall be prepared and delivered to Chair, Selection Committee at the address identified above by **Wednesday, 30 January 2011**. The PowerPoint slide may be used for public displays during Engineer's Week and will also be utilized to publicize the nominees at the Tri-Cities Engineers Week Banquet. The WSU-TC and the TC-EWeek assumes no responsibility or liability for the PowerPoint slides.

7. **Summary timeline for the 2012 Tri-Cities Engineer of the Year process:**

Monday, 7 January 2013 2012 TCEOY Contest Announced

Thursday, 17 January 2012 Nominators notify Chair, Tri-Cities Engineer of the Year Selection Committee of intent to submit nomination

Wednesday, 30 January 2012 Nomination and Application forms due to Chair, Selection Committee

Wednesday, 30 January 2012 PowerPoint slide due to Chair, Selection Committee

Thursday, 14 February 2012 Decision on TCEOY winner reached

Friday, 22 February 2013 Tri-Cities Engineers Week Banquet – 2012 TCEOY Announced

8. Attachments:

- I Nomination Form for Engineer of the Year
- II Nominator Form for Engineer of the Year
- III Tri-Cities Engineer of the Year Criteria Rating Sheet -- Please read this over carefully. This shows the actual method that is used to score each candidate. Conformance with and attention to this rating sheet is very important to ensure each nominee's application is evaluated equitably. *NOTE: This award is not intended as a life-time achievement award.*
- IV PowerPoint slide template for nominee's accomplishments use.

Attachment I

NOMINATION FORM FOR TRI-CITIES ENGINEER OF THE YEAR For Award Year 2012

Data to be provided by the NOMINEE (additional sheets may be used if necessary):

NOMINEE DATA

1. Name:

Address:

Telephone

Work:

Home:

2. Present Employer:

Address:

Position with Present Employer:

Years with Present Employer:

3. Previous Employers (list firms, positions held and years with employers)

TECHNICAL CONTRIBUTIONS

Describe the technical contributions made, including the responsibility and the position held **during the 3 year period ending with the award year**. Be sure to address the significance of the work, technical excellence achieved, the contribution to a safe and better environment and the efforts to enlarge the technical knowledge base. Address the impact the work has had as a result of your efforts.

4. Position and Responsibility for the technical contributions (note the years for the accomplishments):

- 5. Technical Society Affiliations and Awards for which technical contributions were made or recognized (include the Society level as well as local chapter or section level):**

PROFESSIONAL CONTRIBUTIONS
Describe the local chapter/section involvement for the nominating Society as well as other technical societies and professional organizations of which you are a member. Note state, regional and national involvement as well. List any books or papers published or patents issued during the 3 year period ending with the award year . Be sure to note the year of the contribution and the hours volunteered to the organization. Indicate committee assignments, offices held and awards received. Describe the impact of the contribution as well.

- 6. Local Chapter or Section Activities (include contribution, year and hours given):**

- 7. State or Regional Level (include contribution, year and hours given):**

- 8. National Level (include contribution, year and hours given):**

9. Related Technical Activities, Publications, Papers, Patents, Research, Etc.:

COMMUNITY CONTRIBUTIONS
Describe your community contributions in the area of civic, humanitarian or environmental activities. Make sure to note the year and the hours given <u>during the 3 year period ending with the award year</u> . Discuss the impact of these contributions. Also describe your activities and contributions to fraternal, religious or social organizations. Indicate the year and the hours given. Discuss the impacts of these contributions as well

10. Civic, humanitarian, political and environmental involvement:

11. Fraternal, religious and social involvement:

Nominee's Signature (if hard copy): _____

Attachment II

NOMINATOR FORMS FOR TRI-CITIES ENGINEER OF THE YEAR For the Award Year 2012

Data to be provided by Participating Technical Society or Registered Professional Engineers

We nominate: **Name:**
 Company:
 Address:
 City/State/Zip:
 Work Phone: **Home Phone:**

for Tri-City Engineer of the Year for 2012

Fill out section below if nomination is being made by engineering society

Technical Society Making Nomination:

Chapter/Section Name:

Chapter/Section President or Representative:

Work Phone: **Home Phone:**

Fill out section below if nomination is being made by Registered Professional Engineers

Professional Engineer 1:

Company:
Address:
City/State/Zip:
Work Phone: **Home Phone:**

Professional Engineer 2:

Company:
Address:
City/State/Zip:
Work Phone: **Home Phone:**

Professional Engineer 3:

Company:
Address:
City/State/Zip:
Work Phone: **Home Phone:**

Attachment III

Tri-Cities Engineer of the Year Criteria Rating Sheet For the Award Year 2012

Candidate: _____

Nominating Engineering/Technical Society: _____

Reviewer: _____

Category	Maximum	Score	Remarks
I. Technical Contributions (2010-2012)	40		
Significance of Work (35%)			
Technical Excellence (30%)			
Contribution to Safe/Better Environment (20%)			
Enlarge Technical Knowledge (15%)			
II. Professional Contributions (2010-2012)	30		
Local Chapter/Section Involvement (40%)			
Involvement in other Technical Societies or professional organizations in addition to the nominating Society (20%)			
State or Regional Involvement (15%)			
National Involvement (15%)			
Papers/Patents (10%)			
III. Community Contributions (2010-2012)	30		
Community Involvement (civic, humanitarian, political, environmental, etc.) (65%)			
Special Interests Non-Technical Organizations (Fraternal, Religious, Social) (35%)			
Total	100		

Nominator to provide a summary of the significant engineering work with the award year presented first and then prior history (**up to 3 years maximum**, e.g., 2010 - 2012) considered. Limit summary to two pages or less. Focus on nominee's impact, not length.

SIGNIFICANCE OF NOMINEE'S WORK TO ASSURE A SAFER AND BETTER ENVIRONMENT

Nominator to provide a summary of the significance of the nominee's work to assure their fellow man has a safer and better environment to live in. Focus on the impact of the nominee's work in this area; especially **during the 3 year period ending with the award year**. Limit to half a page or less.

SIGNIFICANCE OF NOMINEE'S WORK TO ADVANCE TECHNICAL KNOWLEDGE

Nominator to provide a summary of the significance of the nominee's work to enlarge and advance the nominating society's technical knowledge or the technical knowledge of the industry. Focus on the impact of the nominee's work in this area; especially **during the 3 year period ending with the award year**. Limit to half a page or less.

Please send all material in electronic format to:

Ben Volk
Chair, Tri-Cities Engineer of the Year Selection Committee
e-mail: bvolk@JUB.com phone: 509-783-2144