



International Erosion Control Association

Serving Erosion Control Professionals in Arizona, California, Nevada and Hawaii

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PRESIDENT'S MESSAGE

Dear Members,

I am honored to have been selected the new President of the Western Chapter International Erosion Control Association. We are one of the stronger chapters, with over 325 current members. Our existing and recently elected new board members include some of the most talented and experienced individuals in the erosion and sediment control industry.

The WCIECA board recently concluded a two-day strategic planning session with Guido & Associates, along with our past President, Mr. Jeff Endicott, P.E., BCEE, CPESC. We are currently in the process of organizing all the information we developed and are looking forward to setting our path for 2020 and beyond. That being said, we also would like your input, as members, on what is important to you from education, technical research, networking events or other specific topics you would like the chapter to focus on going forward. We will be reaching out to you in the early part of 2020 with surveys and phone calls to get your personal feedback. Please feel free to reach out to us and provide your suggestions or comments.

The IECA Annual Conference will be coming up in February 2020 in Raleigh, North Carolina. Many of us from the WCIECA will be in attendance. It is a great time to attend technical sessions, achieve certifications, network with your peers from around the world, and see what new products and services are available in the expo hall. I hope to see you there.

I wish you all the best in 2020 both professionally and personally.

Sincerely,
Danny Reynaga, CPESC, QSD
WCIECA President



Danny Reynaga
CPESC, QSD
WCIECA President
DReynaga@profileproducts.com
Profile Products LLC.
760-330-1848

MEET OUR NEW BOARD MEMBER – KIM ALDRICH

I hold a Bachelor of Science degree from the University of CA, Irvine in Biology and a master's degree from the Donald Bren School at the University of CA, Santa Barbara, in Environmental Science and Management. My specialties are soil and water quality, including fate and transport of pollutants.



Kim Aldrich, CPESC
Regional Env. Manager
Lennar Corp.
949-813-9551

I am a certified professional in erosion and sediment control (CPESC). I also earned certifications as QSP, QSD, CESSWI, and CESCL. In addition to nearly 30 years of experience as an educator and trainer, I am qualified as a Trainer of Record for California QSP/QSD training courses.

When the Phase 2 construction stormwater NPDES requirements were initiated, I began my career in the stormwater industry 18 years ago as a municipal inspector, then moved to the private sector as a Western Regional Manager for an engineering company that provided consulting services for SWPPP and compliance inspections. I am currently a Regional Environmental Manager for Lennar Homes, one of the largest homebuilders in the US. My areas of expertise include stormwater and air quality compliance for Colorado, Nevada, Arizona, Utah, Washington, Oregon, and California.

I have gained knowledge and valuable working relationships through my membership in WCIECA. As a WCIECA board member, I will welcome the opportunity to share my interdisciplinary training and background, to collaborate between disciplines, and help create educational opportunities for members and to help the chapter grow.

THANK YOU TO PAST PRESIDENT - JEFF ENDICOTT!



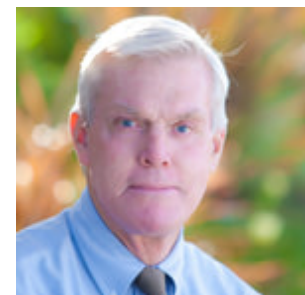
Award presented to Jeff Endicott by Treasurer Jeanne Duarte

Jeff became a board member of the WCIECA in 2012. In 2013 he volunteered to be on the Education Committee as Chair and as a member of the Inter-organization Committee, later in 2015 he joined the Conference Committee.

In August 2015, Jeff accepted presidency of the WCIECA and continued as our diligent leader until 2019. We thank Jeff for his years of hard work, dedication, and leadership.

BILL DEAN - SWPPP INTERNSHIP™ FOUNDER

In the spring of 2013, one of Bill's programs, "Where You Live", received CalRecycle's Statewide Award for innovation. Then in the fall of 2013, Bill created and began the SWPPP Internship™ Program. In 2016 SWPPP Internship received the ["Outstanding Stormwater News, Information, Outreach and Media Project"](#) award from the California Stormwater Quality Association. Most recently Bill arranged 5th and 6th grade SWPPP interns to present to the California State Water Board and demonstrate the capabilities and importance of young voices participating in the efforts to improve water quality. This year, over 20 SWPPP programs are in place in school sites in California, Hawaii, and Nevada.



Bill Dean - SWPPP Internship™ Founder

MEET OUR NEW BOARD MEMBER – STEPHEN KNUTSON

I am honored to serve on the WCIECA Board and look forward to working with this association of leaders in the erosion and sediment control industry. I know this will be a rewarding journey for me and will afford me the opportunity to increase my knowledge of industry erosion practices, as well as meet wonderful people protecting mother earth.

My professional life's work has been in the seed industry at Stover Seed Company. I started work on farms, growing and harvesting crops as a young boy, and through my High school years, in Western Oregon.

Through my college years, I worked as a sales representative selling seeds to Landscape professionals and municipalities. My full-time work at Stover Seed Company allowed me to get hands-on experience working with large erosion control contractors and building a knowledge of effective erosion control products in the marketplace. More recently, my work has also involved restoration companies on short term erosion control and long-term restoration projects. The long-term restoration projects have highlighted a need to inventory quality native seeds at Stover Seed Company. We hand collect plant material and contract grow native plants to ensure quantity and quality is available.

I will bring a unique perspective on seeds and how they are utilized in the Erosion control and sediment control industry to the Board, and hope that it will help to shape some decisions made in the wonderful association.



Stephen Knutson,
C.E.O.
Stover Seed Company.
213-626-9668

JEFF ENDICOTT RECEIVES CASQA AWARD!



WCIECA would like to extend congratulations to Mr. Jeff Endicott, recipient of the California Stormwater Quality Association's most distinguished honor, the *California Stormwater Quality Association's (CASQA) Leadership Award*. This award is bestowed upon individuals who have shown exceptional leadership both within and outside of CASQA, and who have also made phenomenal contributions to the stormwater quality management profession. Since the formation of CASQA twenty years ago, Jeff is only one of six individuals to have ever earned this honorable achievement. Jeff accepted this honor in front of over 1000 participants at this year's CASQA conference in the City of Monterey, CA. As a recent Chapter President, Jeff provided the same leadership and dedication to our Board of Directors and members. It is with our full support and enthusiasm that we congratulate Jeff for earning this most prestigious honor.

Melanie Sotelo, CPMSM
WCIECA Administrative Vice
President

SUGGESTED READING - JUDITH GUIDO

- [Flywheel Effect](#) - Jim Collins
- [Good to Great](#) - Jim Collins
- [The Checklist Manifesto](#) - Atul Gawande
- [Raving Fans](#): A Revolutionary Approach To Customer Service Hardcover – Ken Blanchard
- [The Art of Possibility](#): Transforming Professional and Personal Life - Rosamund Stone Zander
- [Fanocracy](#) - David Merriman Scott

X CICES (CONGRESO IBEROAMERICANO SOBRE EL CONTROL DE LA EROSION Y LOS SEDIMENTOS) SEPT. 8-11, 2020, MONTERREY MEXICO.

It is not too early to start planning to attend and participate in the 10th Biennial conference of CICES (Congreso Iberoamericano de control de la erosión y los sedimentos), with our sister IberoAmerica Chapter. The conference has taken place over the last 20 years in Peru, Colombia, Argentina, Brazil, Panama, Spain, Guatemala, and most recently in Chile.

The 10th meeting CICES of will take place at the Cintermex (Centro Internacional de Negocios Monterrey) conference center in Monterrey Mexico, September 8-11, 2020. The conference will start with pre-conference courses on the 8th, and will conclude with a field trip on Saturday, September 12. It will also feature a trade show. This conference provides an exceptional opportunity to improve your technical knowledge of the industry, understand varying regulatory structures, obtain current information, and provides opportunities to professionally network with the top experts in Latin America and elsewhere, all in a stunning setting.



(Continued on Page 7)

UPCOMING DATES

Feb. 23-26, 2020 **IECA Annual Conference and Expo**. Raleigh, NC.

Info: <https://www.eventscribe.com/2020/IECA/>

Feb. 25 **Western Chapter General Meeting** – at IECA Annual Conference, Raleigh, NC. 4:00 PM - 5:00 PM, 305B

Sept. 8-11, 2020, **X CICES**, Monterrey Mexico.

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WESTERN CHAPTER BOARD PLANNING SESSION



Western Chapter Board Members and Administrator meet for planning session. Front L-R Danny Reynaga, Julie Etra, Jeff Endicott, Stephen Knutson. Back L-R Cyndi Brinkhurst, Melanie Sotelo, Tyler Palmer, Judith Guido, Richard Dunbar, Jeanne Duarte).

Your new Board is committed to leadership, serving its members, and to growth. To date, they have dedicated over 120 person-hours, as it has been 5 years since the last real visioning session was conducted.

Western Chapter, like many organizations, had a fall-off of memberships during the recession and numbers have only marginally recovered. Our members have other organizational choices, and we need to figure out how to get them to make IECA their choice.

Judith Guido is a well established strategic and business planning facilitator. She has strong connections to our industry, having served in senior management roles in several companies in our industry. Judith presented at IECA in Denver, where she connected well with her audience, so she was a logical choice for Western Chapter.

The Board will continue to create a growth roadmap that will have the greatest impact on its key stakeholders. Together, with leadership development, scalable infrastructure, and marketing effectiveness - the Chapter will be able to leverage growth, name awareness, reputation, and differentiation.

Your Board understands it needs to step up to the challenges of today's complex and ever-changing markets in order to be a leader and voice of erosion control in the west.

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HAVE YOU SUBMITTED YOUR 2020 IECA REGION ONE AWARD NOMINATION YET? Deadline December 13, 2019

It's that of year when we have the opportunity to recognize industry leaders in our Chapter. Region 1 has added three new categories that are very exciting.

Nominate a colleague or yourself for one of the following IECA Region One awards:

Outstanding Professional Award - recognizes an IECA member (individual or organization) that demonstrates excellence in their work in the industry and is viewed by his/her IECA peers as an industry leader through significant engagement with IECA.

Environmental Excellence Award - is IECA's premier award. It recognizes an outstanding stormwater and erosion and/or sediment control project, program, or operation that demonstrates excellence in natural resource conservation and environmental protection.

Sustained Contributor Award - recognizes an IECA member who has provided distinguished service to IECA and has made outstanding contributions to improve the erosion and sediment control industry for a sustained period of time.

Three Under 30 Professionals - recognizes three outstanding young professionals under 30 in stormwater and erosion and/or sediment control projects, programs, or academics that demonstrates excellence in natural resource conservation and environmental protection

Four Under 40 Professionals - recognizes four outstanding professionals under 40 in stormwater and erosion and/or sediment control projects, programs, or IECA support that demonstrates excellence in natural resource conservation and environmental protection.

Sustained Partner - recognizes a company who has provided distinguished support to IECA and has made outstanding contributions to improve the erosion and sediment control industry for a sustained number of years. Winners of this award will have demonstrated long-term support to the stormwater and/or erosion and/or sediment control industry through IECA through one or more of the following: education, innovative industry products, research, establishment of standards or policies, or the development of technology.

IECA Education

Enhance Your Knowledge

IECA has two certification partners [EnviroCert International, Inc.](#) (CPESC, CESSWI, CPSWQ, CPSM, CPISM) and [CISEC, Inc.](#) (CISEC).

IECA offers the professional development credit required to apply, re-certify and keep up to date with your industry certifications.

IECA has met the standards and requirements of the [Registered Continuing Education Program](#) to delivery of professional education activities for engineers, surveyors, and related A/E/C industry professionals.

A selection of online courses, webinars and in person training is included in this program.

IECA education to offer RCEP approval include:

- [eLearning Classes](#)
- [Upcoming Live Webinars](#)
- [Learn more](#) about RCEP program, licensing requirements and how to keep engineering and/or surveying licensure current across state lines!

Time to get involved...

We invite you to join the team!

Click [here](#) for more information on the committees that need your help to function, grow, and succeed.

An organization is only as strong and active as its members-will you become an active member?

Email the westernchapter@gmail.com to volunteer on a committee today!



CALL FOR ARTICLES

Do you have a technical article, regulatory update, or event announcement you'd like to share with your fellow members?

Please forward articles to Cyndi at westernchapter@gmail.com and we'll publish them in the next issue of Western Chapter News!

Thank you!

X CICES – MORE INFORMATION

The conference also provides a unique opportunity to experience the city of Monterrey, its surrounding environment, and the rich and fascinating Mexican culture.

Topics include the following:

1. Climate Change And Erosion
2. Erosion And Sediment In Water Courses And Hydraulic Works
3. Erosion In Agriculture And Livestock Management
4. Erosion Caused By Gravity, Mass Wasting, And Aluviation
5. Coastal Erosion
6. Erosion Caused By Mineral, Oil, And Gas Exploitation
7. Erosion in Construction and Development of Infrastructure (Buildings, Bridges, Roads, Railways, Etc.).
8. Geological Evolution Of Erosive Systems: Mechanisms And Processes
9. Erosion, Sedimentation, And Ecology (De-Forestation)
10. Erosion Process Modeling
11. Innovative Methods For Characterizing Erosion And Sedimentation
12. Studies Of Isotopic Applications In Erosion And Sedimentation
13. Erosion Control From Environmental, Social And Legislative Perspectives
14. Other Areas

Monterrey, with a population of almost 5 million, is the capital of the state of Nuevo Leon, and is known for its thriving economy as a bustling modern city, and its majestic setting, surrounded by the dramatic Sierra Madre Oriental. It is the commercial hub of northern Mexico and is the base of many large and significant international corporations. It is easily accessed from most major international airports.

The Cumbres de Monterrey National Park includes approximately 1,791 hectares and ranges in altitude from 730 to 2,200 meters above sea level, with representative flora and fauna of the xerophilous forest as well as oak-pine woodlands. With excellent weather and an annual average temperature of 21 degrees Celsius, Chipinque Park is one of the most important ecosystems in near proximity to the city. September is an ideal time for a visit.

Abstracts are due by March 15, 2020.

For more information contact: info@iecaiberoamerica.org, <https://iecaiberoamerica.org/>, and ginalsah@hotmail.com

Julie Etra, MS, CPESC
WCIECA Sister Chapter Liaison
Western Botanical Services Inc.
etra.julie@gmail.com

REGIONAL NEWS FROM IECA

POLICY & REGULATION

Calif. to sue federal government, propose its own water rules

California plans to take legal action against the federal government over what it alleges to be scientifically inadequate water management rules. The state is proposing its own rules, which are stricter than the Trump administration's proposal but still don't offer enough protection, said Doug Obegi at the Natural Resources Defense Council.

[The Associated Press](#) (11/22)

High court hears Hawaii case involving Clean Water Act

A wastewater treatment plant in Maui, Hawaii, is involved in a case before the Supreme Court that will help define the scope of the Clean Water Act. Justices heard arguments Wednesday in the case, which hinges on whether treated wastewater entering the Pacific Ocean indirectly through groundwater can be considered to be polluting "navigable" waters.

[Los Angeles Times \(tiered subscription model\)](#) (11/6), [NBC News](#) (11/6)

TOP NEWS

Tool measures wind effect on waves for shoreline defenses

Researchers at the UK's Manchester Metropolitan University have developed a simulation and data tool to help coastal engineers avoid overdesigning sea defenses and improve resilience through accurate wind impact forecasts. The computer module factors in rising sea levels to quantify the effects of wind on waves. [New Civil Engineer](#) (10/31)


EROSION/SEDIMENT CONTROL

USACE urges quick action to preserve Calif. flood-control dam

The US Army Corps of Engineers says urgent action is needed to reinforce California's Mojave River Dam, which could endanger 16,000 people in the event of an extreme storm. The earthen flood-control dam is normally dry, but heavy rains could send water gushing over its top, eroding its structure, the USACE says. [The Associated Press](#) (11/2)

WETLANDS & COASTAL RESTORATION

Sandbags to stabilize eroding beach in Hawaii

Plans to preserve Hawaii's eroding Kuhio Beach involve construction of a groin with 68 10,000-pound sandbags. The bags will be filled with beach sand from the Diamond Head swim basin, with the groin arranged as a wall to stabilize the affected area.  [KITV-TV \(Honolulu\)](#) (11/3)

IECA NEWS

Exclusive Insurance Benefit Program for IECA Members

IECA and Ryan Insurance Strategy Consultants have partnered to offer a suite of individual and group insurance benefits for IECA members! The new member benefit provides individual and groups insurance products for you, your employees and their families all in one place. [Learn more.](#)

Maximize Time at the 2020 IECA Annual Conference - Sign-up for a Precon Session!

Sign up for a half-day preconference workshop on Sunday, February 23 to maximize your conference training opportunities. [Learn more.](#)

PROFESSIONAL LISTINGS

CBI Systems, Ltd. is the developer of MS4web v2.0, a compilation of more than 16 years of industry experience and customer feedback fueling a GIS application that will assist in maintaining data, inspections and compliance activities, but is versatile enough to keep up with the ever-changing regulatory landscape. Sign up for a free 30-day trial at www.ms4web.com. CBI Systems, Ltd. also offers inspection only based applications. For more information please call us at [409.835.3095](tel:409.835.3095) or email us at info@ms4web.com.

Dirttime.tv is an affiliated brand of **Salix Applied Earthcare LLC**, formed in 1996 by John McCullah. John has been involved in Watershed Management for 30 years, becoming a certified erosion specialist in 1986. The firm's work involves consulting, training, design/build of stream restoration, bioengineering, education, and awareness. Salix published design guidance manuals, books, popular and technical articles, and informative case studies. Dirttime.tv has produced over 40 Dirt Time videos. Selecting and watching the clips of your choice then taking tests online is a popular way to earn CEUs. Visit www.dirttime.tv regularly for 'how to' info, tips, and blogs.

Earthsavers Erosion Control Products is the home of the "Original Rice Straw Wattle". Our certified weed free wattles have been tested for sediment retention at San Diego State University and proven in field studies by Caltrans and numerous other agencies. Earthsavers wattles are available in 3 diameters, photodegradable netting, or 100% biodegradable burlap. Additionally, [Earthsavers](http://www.earthsavers.com) is a master distributor for a full line of erosion & sediment control products, geosynthetics and more. Our network of distributors provide local access to premium BMPs and Earthsaver's experienced staff can provide superior technical support to our distributors and their customers and specifiers.

Kelley Erosion Control, Inc. established in 1983 is recognized throughout Nevada and California as a leader in the industry. KEC has an excellent reputation known for quality, competency, solutions, innovative ideas, cutting edge technology, excellence, and client satisfaction. Services include: Hydroseeding, site preparation, dust control applications, BMP's, revegetation and project maintenance, site winterization, wetland mitigation, stream channel stabilization, planting and irrigation, mining reclamation, soil stabilizer applications, biotechnical applications, and fire restoration/rehabilitation. Phone (775) 322-7755 Fax (775) 322-6606 Contact – Claudia Chambers CPESC, CISEC, QSP Claudia@kelleyerosioncontrol.com. Visit us at www.kelleyerosioncontrol.com.

Linwood Supply, Inc. distributes the tools you need for Erosion Control and Storm Water Management including Erosion Control Blankets, TRM and HP-TRM, HydroFiber™, Coir products, organic fertilizers, native and grass seed, plus, for oil spill remediation, Rubberizer booms, mats and filters. Other services include written pesticide recommendations and soil testing. We will always provide you with the level of service and professionalism you deserve. Linwood Supply, Inc. is a certified small business based in California. ***If Your Storm Water is as Clear as Mud™*** – Please call us at 707 678-5087 or visit us at www.linwoodsupply.com.

LSC Environmental Products exists to solve some of the industry's most persistent environmental challenges...such as erosion, revegetation, odor, dust, and waste cover through the application of our spray-applied coatings. You probably know LSC as the "ADC guys", who we have been for the past 26 years, but we are more than that. With the acquisition of Terra Novo, Inc., who are best known for their EarthGuard® products; and have served the erosion and sediment control industry for almost 20 years. We are excited to offer new solutions, including soil amendment, site winterization, intermediate cover, and special waste that we believe can benefit virtually any site.

Nedia Enterprises manufactures a complete line of erosion control, sediment control, and bioengineering products made primarily from natural fibers. Committed to the conservation of the environment, we are constantly striving to develop products that contribute to its enhancement and protection. Our products are subject to stringent quality control measures that meet or exceed industry standards. **Nedia** offers sound technical advice on product selection and installation with a thorough understanding of the benefits and limitations of the products. A large inventory of products in several distribution centers across the country facilitates cost-effective and timely delivery of our products. Contact 888-725-6999 or email info@nedia.com.

PROFESSIONAL LISTINGS CONTINUED

Pacific Coast Seed is Northern California's premier supplier of CA native grasses and wildflowers, turf grass seed, and other erosion control materials such as fertilizers, mulches, and soil amendments. We provide seed and other materials for diverse applications including restoration, reclamation, revegetation, ornamental landscaping, and erosion control. We offer specialty seed collection from site-specific sources. For more information check out our website www.pcseed.com or contact us at 925-373-4417 or info@pcseed.com.

Quattro Environmental, Inc. offers reclamation design and implementation services in a "best value" team approach to re-establishing native plant growth on drastically disturbed soils. "Do It Once, Do It Right" has been the mantra for over 22 years of success on tough sites located throughout the U.S. western States. "Hold soil" with **BIND | ATLAS SUPERDUTY** – world's #1 heavy-duty soil binder. "Grow soil" for effective native plant establishment with **Quattro's Living Soil Membrane™** technology. Phone (619) 522-0044 or cell (619) 204-1372 Contact – Peter McRae, past-President WC-IECA pmcrae@quattroenvironmental.com. Visit us at www.GrowingSoil.com.

Reno Tahoe Geo Associates, Inc. – Formerly Marvin E. Davis & Associates focuses on the challenging issues of the Tahoe Basin and Northern Nevada/California terrain. Our professionals provide a diverse and solid background in geotechnical engineering; specialized engineering design; erosion control services; construction and forensic inspection services and materials testing; and, regulatory and compliance issues to enable project approval. Phone 775-853-9100 or visit us at <http://www.rtgeo.com/>.

Sustane Natural Fertilizer — For over 30 years of continuous operation, [Sustane Natural Fertilizer, Inc.](http://www.sustane.com) has produced the highest quality natural based and organic fertilizers and soil amendments distributed in the U.S. and exported to 50 countries worldwide. Sustane Natural Fertilizer maintains and operates its U.S.E.P.A. permitted compost site, manufacturing facility and corporate offices from Cannon Falls, MN. Sustane fertilizers and soil amendments provide readily available, balanced nutrition with beneficial microbiology to provide the basic soil components for exceptional plant establishment and long term sustainability. Call 800-352-9245 to speak with a Sustane Regional Specialist or with our International Team Leader.



The banner features a green background with a globe on the left and text on the right. The globe is surrounded by green foliage. The text on the right reads: "Join Peers at the 2020 IECA Annual Conference February 23-26, 2020 | Raleigh, NC". The IECA logo is in the bottom right corner, with the tagline "Protecting Soil and Water Resources".

Learn more about the host city, [Raleigh, North Carolina](http://www.raleighnc.gov) and the [Raleigh Convention Center](http://www.raleighconventioncenter.com).

HEADS UP! 2021 IECA Annual Conference – Kansas City, MO