



International Erosion Control Association

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

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PRESIDENT'S MESSAGE

Dear Western Chapter Members,

With the atmospheric river events earlier this year, Western Chapter members were off to a busy start of the year, and it sounds like it will continue with the development of an El Nino weather pattern. Along with our erosion and sediment control activities, the Chapter's Educational Events Subcommittee has also been busy planning two upcoming educational events. The two events are aimed at providing valuable knowledge and training opportunities for erosion and sediment control.

The first event, the two-part webinar series on the California 200 Construction General Permit (CGP), is scheduled for August. This series will focus on the responsibilities of a Qualified SWPPP Developer (QSD) and Qualified SWPPP Practitioner (QSP) under the 2022 CGP, which becomes effective on September 1st of this year. The webinars will likely cover key aspects of the new CGP, compliance requirements, best practices, and any updates compared to the previous permit.

The second event is an erosion and sediment control workshop that will take place in November. This workshop will provide a comprehensive learning experience, combining classroom-style sessions with a live field demonstration. The Chapter has partnered with the City of La Quinta to organize this event in the Coachella Valley, where dust control and wind erosion are significant concerns. By conducting the workshop in November, when temperatures are mild, participants will have a comfortable environment to engage in hands-on learning and observe effective erosion and sediment control techniques in action.

These educational events reflect the Chapter's commitment to addressing the region's erosion and sediment control challenges, providing necessary training, and fostering collaboration with local stakeholders. It's an excellent opportunity for professionals and practitioners to stay updated on this field's latest regulations, techniques, and strategies.

Finally, a reminder that it's time to elect several Directors for the Chapter's Board. If you are a chapter member, you can vote and should have received an email titled “Vote Now: WCIECA – 2023 Board of Directors Election.” All voting is due by July 7, 2023.

Take care,
Melanie Sotelo – President



**Melanie Sotelo MSE,
CPESC, CPSWQ
WCIECA President
msotelo@cascinc.com
CASC Engineering &
Consulting**



Sponsorship Opportunities

CALIFORNIA GENERAL CONSTRUCTION PERMIT (CGP)

for **QSDs & QSPs**

Zoom **Webinars**

Get your company seen by QSDs & QSPs

INCREASE YOUR EXPOSURE!



Deadline
July 6



CALIFORNIA QSDS AND QSPS ARE YOU READY FOR THE 2022 CGP IMPLEMENTATION?

Western Chapter will be presenting two webinars focused on the new CGP and specifically the new roles and responsibilities for QSDs and QSP. We are offering two 1-hour webinars, one for QSDs and the other for QSPs. We will be highlighting the differences between the 2009 Permit and the 2022 Permit. QSDs and QSPs will need to understand the differences between the two permits for the two-year transition period. Our presenters will be outlining the differences and providing information on the new roles that the QSD and QSP will be required to understand on September 1st.

WAS THE WINTER WEATHER OF 2022-2023 OUT OF THE “NORM”?

We all know that the weather is not something that we can control, but due to weather prediction modeling we can usually plan for it. This is especially important in the erosion and sediment control industry. This winter we had a prediction of a La Nina winter, which typically means a drier winter throughout our regions. In contrast, the La Nina winter of 2022-2023 was an unseasonably wet one for many of the areas within our larger regions with record setting precipitation and back-to-back storm events. The effect of this was greatly exacerbated in some of our regions by the extended drought conditions of the previous years. So how did we really fare in comparison to our average annual precipitation?

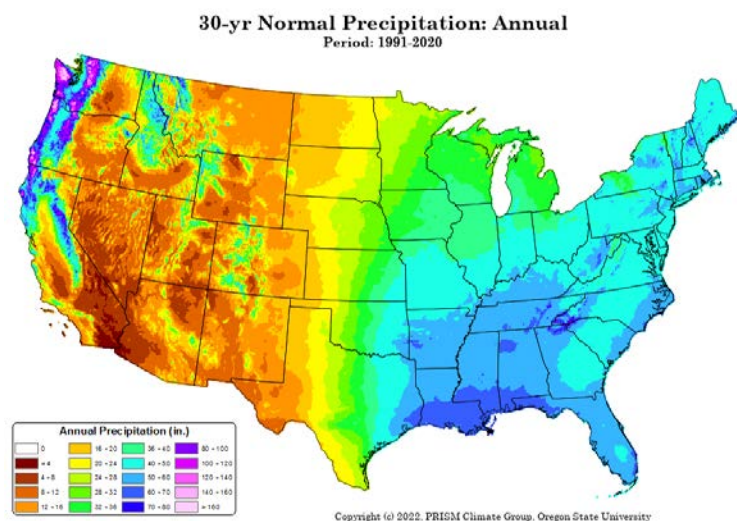


Erika Horn
QSD/QSP, CPESC,
CESSWI, ToR
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The jury is still out. From a data perspective, to date, we don't have a good seasonal comparison for the 2022-2023 winter yet because our season isn't complete. We can't compare our annual rainfall from previous years because the 2023 annual rainfall data won't be available until the end of December of this year. So, what can I tell you?

We do know that on average, total annual precipitation has increased over land areas in the United States and worldwide. Since 1901, global precipitation has increased at an average rate of 0.04 inches per decade, while precipitation in the contiguous 48 states has increased at a rate of 0.20 inches per decade.

In addition, NOAA has released an El Nino watch for the 2023-2024 winter season. This typically means elevated rainfall for the SW United States. It can impact Hawaii with an increase in precipitation early in the season and tends to increase the number of tropical cyclones. I don't know about you...but I'm planning for our average seasonal winter precipitation with the increasing possibility that we may have a wetter than average 2023-2024 winter season.



The best way to compare the winter of 2022-2023 precipitation is to look at local data by zip code. For a quick comparison, you can look at the figure to the left and your area, within our regions, to see what the 30-year normal precipitation is for your area in comparison to precipitation that was received this winter.

UPCOMING IMPORTANT DATES

07/07/2023 – **Board of Directors Election Ends** 11:45 PM (PT)

08/24/2023 – **CGP for QSDs:** Zoom webinar. 11:45 to 1:00 PM (PT)

08/31/2023 – **CGP for QSPs:** Zoom Webinar. 11:45 to 1:00 PM (PT)

11/09/2023 – **Dust Control Compliance in Arid Climates**, Coachella Valley, CA.



DUST CONTROL COMPLIANCE FOR ARID CLIMATES

Date: November 9, 2023

Time: 7:30am - 4:30 PM

Location: Coachella Valley, CA Exact Location TBD

Join us for a one-day training and implementation course on Best Management Practices in arid climates. We are gathering industry experts to present practical information that can be implemented on your construction site.

This one-day course will provide in the classroom and in the field training for individuals to learn about the regulations and solutions for dust control, soil erosion and stormwater compliance. This will be an overview of the dust control issues and threats in arid areas of CA, NV & AZ. We will have local regulators from Coachella Valley Air Quality Management District and local municipalities to provide an overview of local AQMD permitting training and BMP requirements for your project site. Learn from local contractors and SWPPP developers about the key components to a successful Dust Control Plan. Product manufacturers and suppliers will be on hand to provide key points and insights on BMPs used in the region.

After lunch we will travel to a nearby local construction project, to bring all the information we learned in the classroom to the field, to see proper installation and maintenance of BMPs and ways to stay in compliance with your SWPPP.

Do not miss the 2023 Fall WCIECA Workshop. Attendees will earn up to 7 PDHs.

Sponsorship opportunities will be available starting August 21. Registration will start around September 7.

We look forward to seeing you this fall.

~ Danny Reynaga, CPESC, QSD



DIRT TIME

Online Course Catalog

ALTERNATIVES to RIP RAP

Environmentally-Sensitive
Stream Stabilization Methods

Alternatives to Rip Rap:
Environmentally-Sensitive Stream
Stabilization Methods

\$399 0.75 CEUs / 7.5 PDH

Course Description

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The Best of the BMPs Summit
Video Course

\$375 1.0 CEUs / 10.0 PDH

Course Description

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with CERTIFICATE & CEU

The ABCs of BMP Installation with
Certificate & CEU

\$250 0.5 CEUs / 5.0 PDH

Course Description

THE ABCs of BMP INSTALLATION

NO CERTIFICATE

The ABCs of BMP Installation
No Certificate & CEU

\$225 0.0 CEUs / 0.0 PDH

Course Description



25 Construction Site BMPs

\$175 0.5 CEUs / 5.0 PDH

Course Description



Bioengineering and Biotechnical Soil
Stabilization

\$60 0.1 CEUs / 1.0 PDH

Course Description



Hydromulching

\$60 0.1 CEUs / 1.0 PDH

Course Description



PROJECT SPOTLIGHT

The Rhino Savanna Habitat / The Living Desert Zoo & Gardens

A new 4-acre Rhino Savanna Habitat has been opened inside the Living Desert Zoo & Gardens located in Palm Desert, California. This state-of-the-art habitat is home to 12 African species which includes two black rhinos, waterbuck, springbok, two species of pelicans and a variety of other birds plus subterranean animals like the naked mole-rat.

Profile Products worked with project designer GLMV Architecture to provide solutions for the vegetative establishment of warm and cool season grasses that were used within the Rhino Savanna Habitat.

ProGanics Biotic Soil Media was specified as a hydraulically applied engineered soil media to create a healthy soil for the habitat. With its mix of key biological elements and thermally refined wood and bark fibers, ProGanics was the foundation to help facilitate a sustainable vegetation of grasses.

Based on initial soil tests performed by Profile Products, the results showed that the sandy loam soils had low levels of organic matter in the .04-.06 range. Ideally, the organic matter should be 3-5% in your soil profile. An application rate of 5,000 lbs. per acre of ProGanics Biotic Soil Media with the specified seed mixes, helped to ensure development of a well-established vegetation cover and an ideal living space for the animals that would soon call Rhino Savanna Habitat home.

ProGanics Biotic Soil Media is the world's most advanced engineered soil media and a proven solution on construction sites with depleted soils. ProGanics is a consistent product manufactured under highly controlled conditions. It helps to quickly initiate the nutrient cycling necessary to regenerate depleted soils, while the hydraulic applied application saves time and money versus hauling in and spreading truckloads of traditional topsoil.

Project Partners:

GLMV Architecture
D.W. Johnston Construction, Inc.
Logan Landscape Inc.
SoCal Hydroseed & Hydromulch Inc.
Profile Products LLC

See photos on Page 7



Danny Reynaga, CPESC, QSD
Western Regional Business
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Environmental Solutions
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Profile Products LLC.

WCIECA BOARD OF DIRECTORS ELECTION!

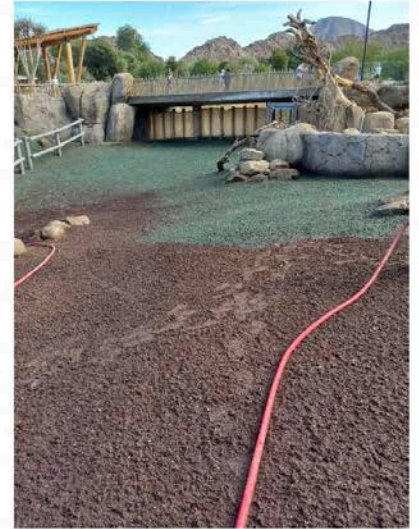
This year I am pleased to announce we have 6 candidates for the 3 open positions. Matthew Renaud (incumbent), Mark Howland, Richard Dunbar (incumbent), Blanca Hoffmeier, Jessica Drake, and Shanna Delgado.

Did you vote yet?

ElectionBuddy is the online election system we are using to tabulate our votes. You should have received an email inviting you to vote with your own secure voting key. Several reminders will be sent out via email and text. Please check your email. If you have questions or have not received your voting key, please email Cyndi Brinkhurst the Administrative Assistant at westernchapter@gmail.com.



The Rhino Savanna Habitat The Living Desert Zoo & Gardens



1

The Rhino Savanna Habitat The Living Desert Zoo & Gardens



2

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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 has 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, and then taking tests online is a popular way to earn CEUs. Visit www.dirttime.tv regularly for 'how to' info, tips, and blogs.

Core & Main Geosynthetics is a leading producer and distributor of erosion and sediment control products, geosynthetics and innovative site solutions. Our nationwide network of distributors provides local access to premium BMPs, and our experienced staff and manufacturing partners provide knowledgeable technical support to our customers, engineers, agencies, and installers. We produce Earth Saver erosion control wattles, known as the "Original Rice Straw Wattle." Earth Saver wattles are available in three diameters and produced with photodegradable netting or 100% biodegradable burlap. From one pallet to multiple truckloads, wattles are in stock for quick shipping. Learn more at coreandmain.com/geosynthetics and earth-savers.com.

Kelley Erosion Control, Inc. was established in 1983 and is recognized throughout Nevada and California as a leader in the industry. The company 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.

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," but we are more than that with the acquisition of Terra Novo, Inc., (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 that are 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.

Rocky Mountain Bio Products supplies organic bio-fertilizers, natural soil conditioners, and soil amendments. Biosol Forte is an organic fungal and bacterial biomass from penicillin production, with unique, stable, and long-lasting nutrients for rebuilding all types of soil for revegetation. Menefee Humate is a natural soil conditioner for plant cell and root development. MycoApply mycorrhizae fungus is the amendment that aids in expanding the plant's root mass 100 to 1000 times larger, which helps plants to be healthier and handle environmental stress. Our PermaMatrix is a Biotic Soil Amendment, and is a topsoil replacement/alternative. Visit: www.WEFIXDIRT.com for product and distributor information.

NV5 is a multi-disciplinary engineering company that is a one stop for most of your development and engineering needs. Engineering and Professional Services include (but are not limited to): Civil, Environmental, Construction, Mechanical, Survey, Building Inspection, Geophysical, and Geospatial Surveys. With offices in Arizona, Nevada, California, and throughout the country, we are here to serve all your environmental and engineering needs. In the Erosion and Sediment Control Industry we focus on SWPPP compliance services (CA QSDs and QSPs, owner representation, inspection services, LID/WQMP engineering designs, etc.). Contact the Long Beach, California office for more specific details. (562) 495-5777 Matthew.Renaud@nv5.com.

PROFESSIONAL LISTINGS CONTINUED

Pacific Coast Seed is Northern California's premier supplier of grasses and wildflowers native to California, 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.

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, materials testing, and regulatory/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 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, Minnesota. 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.

Western Green (and its associated erosion control brands North American Green and Western Excelsior) is the industry leader for manufactured erosion and sediment control products, and holds the industry's most complete product line, ranging from short term ECBs to permanent HPTRM Anchored Systems. Whether your site needs short-term protection or permanent vegetation reinforcement, trust Western Green's quality brand products to handle any erosion issue you may face.

SunWest Golf and Reclamation, Inc. is an Arizona-based hydroseeding and revegetation services company formed in 1997. The owner, Roby Everhart, has over 35 years' experience throughout the Southwest. SunWest has revegetated thousands of acres and we specialize in hydrostolonizing of golf courses and athletic fields. We have been involved in the grassing of over 300 golf courses in Arizona. SunWest is an owner operated corporation. The owner is involved in all day-to-day operations, to assure positive working results at every project. Roby Everhart and his crew are some of the most experienced people in the industry. His work force has a full understanding of the company's goals and commitments.

HEADS UP! [2024 IECA Annual Conference and Expo](https://www.ieca.org/) February 25-28, Spokane, WA



IECA
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✿ Have yourself the best summer ever! ✿

