



International Erosion Control Association

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

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news online - Check it
out today at:
www.wcieca.org

PRESIDENT'S MESSAGE

The Western Chapter Board of Directors has **adopted a budget** that placed the Chapter in the black (that's the "good" color!). Getting to "black" required surgical cuts to the budget in areas unlikely to impact service to Chapter members, and a laser focus on making sure that Chapter programs are sustainable and focused on member service. To that end, some administrative functions have been transferred from our contract administrative assistant over to our volunteer Directors, and we have co-sponsored events with likeminded organizations to share the risk and the rewards that go along with hosting educational events.

Speaking of co-sponsored events, the Western Chapter co-sponsored the **BMP Summit** held at Shasta College in May. The **BMP Summit** included both classroom and field training, and exhibitor displays and exhibitor product demonstrations. Attendees came from far and wide

including multiple states and even an international contingent. The evaluations received after the event underscored the success of the event. The Western Chapter networking event held on the first evening of the BMP Summit was a success was well.

The Western Chapter is aggressively pursuing education and training events for our members, and we have several programs in the works.

- Construction Site Erosion and Sediment Control for CIP/PIP/LUP Projects: This one-day class will be on October 26, 2016 in San Marcos, California.
- Dust Control: This class will be in January 2017 in Phoenix, Arizona. The exact date and location are still in the works.
- BMP Summit: This will be another two-day session, with one day in the classroom and one day in the field. The session will be in May 2017 in Redding, California. While the emphasis of Chapter education and training events is on service to members, non-members are welcome to attend most events. One particular benefit of membership is a substantial discount on registration fees for Chapter events.

The Western Chapter web page is the place to go to get the most updated information regarding Chapter events, including the training and education events noted above.

(Continued on Page 2)



Jeff Endicott
PE, BCEE, CPESC, QSP/D
WCIECA President
jendicott@cascinc.com
CASC Engineering and
Consulting
909.783.0101 Ext. 5380

Be All You Can Be – many hands do make light work!

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

Please see the [Committees](#) list on the Western Chapter's [website](#) to see how your talents and interests may benefit your peers and email the chairperson of that 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!

PRESIDENT'S MESSAGE CONTINUED

The Western Chapter continues to modernize in our quest for efficient and effective member service. A **Chapter Store** is being developed for the Chapter web page. The **Chapter Store** will provide the means for both attendees and exhibitors to register for upcoming Chapter events. Look for the **Chapter Store** to be functional in time to take attendee and exhibitor registrations for the October 2016 **Construction Site Erosion and Sediment Control for CIP/PIP/LUP Projects** event in San Marcos. Who knows, with the **Chapter Store**, we might even start selling chapter polo shirts!

The **Western Chapter Annual Meeting** will be held again this year during *Environmental Connection 2017*. EC-17 is in Atlanta, Georgia February 21-24, 2017. The **Western Chapter Annual Meeting** will likely be in the evening on February 22. I have personally been to the last two **Western Chapter Annual Meetings**: they were both a lot of fun and excellent networking opportunities.

The deadline for applications for the **Western Chapter Scholarship Program** was July 1, a few days after the cutoff for the **Summer Newsletter**. Look to the Fall Newsletter for results of the scholarship competition.

Chapter Elections are conducted in July – watch for your voting instructions and please take a moment to read the candidate statements and to vote for your **Western Chapter Board of Directors**.

The Western Chapter has a lot going on, but can do even more with member support. Please encourage your colleagues to join IECA and the Western Chapter. If you have ideas for Western Chapter events and/or if you are interested in volunteering, please drop me an email or give me a call.

Best regards,

Jeff Endicott, PE, BCEE, CPESC
President, Western Chapter
International Erosion Control Association
Email: jendicott@cascinc.com
Phone: 909.783.0101 Ext. 5380
760.259.0108 Ext. 5380

GET LISTED!

Within the stormwater field we are always chanting – “reduce your exposure.”

*Well, here is a chance to **get targeted exposure** – contact Cyndi Brinkhurst at (530) 272-2407 or at westernchapter@gmail.com to reserve your ad space today!*



GREAT JOB!

Is your project going great? Did someone do a good job? Do you have a technical article, regulatory update, contractor to highlight or event announcement you'd like to share with your fellow members?

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

Thank you!

BOOK REVIEW: EROSION CONTROL AND LAND RESTORATION PABLO GARCIA CHEVESICH, PHD.

First, thanks to the Western Chapter for giving me the opportunity and privilege to write this review, which required me to finally slow down and read this work, critically, and for the most part in its entirety.

This is an exceptional and comprehensive publication, well investigated and well written by one of the IECA's most talented, dedicated, and generous contributors. According to the author, the inspiration for his work began when he was taking care of his dad during a hospital stay and it occurred to him that there wasn't any textbook about the topic in Spanish. Following production of the text in Spanish (*Procesos y Control de la Erosión*. 2008. Outskirts Press, Denver, CO. 276 p.) he subsequently realized that the English literature is also very sparse, and decided to produce the English version. The only other text addressing erosion control that I am aware of is the 1986 publication *Erosion and Sediment Control Handbook* (S. J. Goldman, K. Jackson, and T.A. Bursztynsky) McGRAW-HILL. This is a good text, a little bit dated, and not as comprehensive as the Chevesich text. And since the author is Chilean, the reader also benefits from his experiences and observations in his native country.

Dr. Chevesich is a forest engineer with a Masters of Science in Watershed Management. He received his PhD. from the University of Arizona in Agricultural and Biosystems Engineering. He is currently a Board Member of the Western Chapter.

The book was self-funded and is available on Amazon. It is the required text for his course, but sold at cost price. He will be teaching a chapter of the text and his course at the upcoming IberoAmericia conference in Cartagena on August 15, 2016 (<http://www.viiicices.org/>), ('Control de erosión posterior a incendios'), and has recently taught the course at the University of Denver, and Costa Rica. As of this writing he is teaching it in Chile and will be teaching in Cuba. Maccaferri and GEI Works purchased a few copies of the book, as a contribution to cover part of the publishing costs. Ten percent of the sales profits are also donated to the IECA Soil Fund.

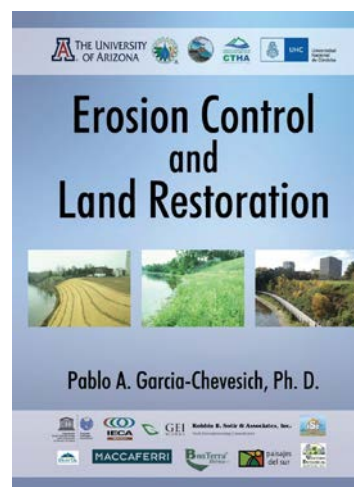
The quote from the back cover summarizes the gravity of the issues addressed in the text: "The future of our species is currently being threatened by three main environmental issues: global warming, overpopulation, and soil erosion. This text addresses the third issue. Every minute about 36 HA are lost worldwide due to erosion and desertification processes and many of them don't ever recover again." Throughout the book the author continuously reminds the reader and links the terms "erosion, desertification, and poverty" as a "chain reaction that is difficult to break".

Contributors included individuals, organizations, universities, businesses, and 'people'. The cover includes logos from a variety of these contributors. Unlike other US state-oriented BMP manuals and texts from individual states, Pablo's book has examples of global processes and techniques that originate from a wide range of climates, geology, and geography, and include the countries of Costa Rica, Argentina, Brazil, Madagascar, Great Britain, several US states, Spain, Uruguay, and Texas.



Julie Etra MS, CPESC
etra.julie@gmail.com
(775) 849-3223

Julie Etra, MS, CPESC, Principal of [Western Botanical Services, Inc.](http://www.westernbotanicalservices.com), has more than 28 years of experience in the fields of erosion control, revegetation, restoration, botanical surveys, environmental documents, monitoring, and wetlands. She has had extensive teaching experience, has produced more than fourteen publications, and has received numerous awards for design work. She has been an active member of IECA since 1988 and currently serves on the Board of Directors as Vice President for International Development. She is also bi-lingual (Spanish). Etra is also a regular contributor of articles to Environmental Connection Magazine.



(Continued on Page 6)

SHASTA COLLEGE BMP SUMMIT SUMMARY

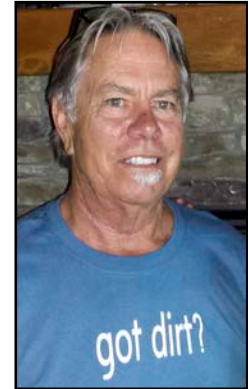
The Shasta College BMP Summit (Summit) was hosted by Shasta College and co-sponsored by Sacramento Watersheds Action Group (SWAG), California Community College's "Doing What Matters for Jobs and the Economy", and the Western Chapter IECA. John McCullah, SWAG and Shasta College instructor, was the project manager; Heather Kelnhofer, DSN Agriculture, Water and Environment, coordinated the event facilities; and Cyndi Brinkhurst (WC-IECA) coordinated the exhibitor attendance. Eric Berntsen and John McCullah were the event instructors.

The Summit was very well attended. SWAG's records show over 100 attendees. There were 9 exhibitors. There was a great range of professionals representing those working in stormwater – cities of Redding, Napa, and West Sacramento were represented; Butte County, the State Water Board, the Bureau of Reclamation and Caltrans were some examples of agencies. PG&E, Western Area Power Admin. and Redding Electric Utilities had professionals eager for more information for access roads and ROWs. Santa Clara Valley Water District and Siskiyou Telephone also sent staff. Nearly 50% of the attendees were individuals and professionals with QSD/QSP, CPESC, CPSWQ certifications looking for new information and continuing education. Some construction companies and consulting firms, very active in stormwater, also came to the Summit. We also hosted individuals from far flung countries such as Taipei, Marianas Islands, Reunion Island, and France. The French ONEMA (their EPA equivalent) is developing BMPs for inclusion into their Water and Rivers regulations.

Shasta College and SWAG offered certificates of attendance for the individuals looking to report the professional development hours (PDHs). The college and SWAG also provided reduced group rates and offered free scholarships of attendance to students.

The college, being active in North State workforce development, is very interested in looking at more opportunities such as more stormwater curriculum and possible college certificates. The college and workforce development staff are also open to ideas for sharing the experiences offered by the Erosion Control Training Facility, the Heavy Equipment Operations program, and Erosion Control curriculum with other California Community Colleges.

The Western Chapter distributed a survey the results of which combined with the participants comments, clearly showed a need and desire for hands-on BMP demonstrations and experiences. The large numbers were awesome but also presented some challenges when trying to demonstrate the BMPs in the field. About 25% responded to the survey and overall the responses were positive. Several respondents provided valuable suggestions to make the experience in future Summits even better. It seemed clear that the facilities, food, field site, and dates were more than adequate to excellent. Based on these experiences the college is reserving the facilities for another BMP Summit next May.



John McCullah, CPESC
john@salixaec.com
 (530) 247-1600

John McCullah owns and operates [Salix Applied Earthcare](#) (Salix), a consulting firm located in Redding, California. Since 1994, the company has been implementing Erosion Control, Watershed Restoration, Bioengineering and Biotechnical Stream bank Stabilization projects, as well as developing educational materials and training programs for these disciplines. Mr. McCullah is a Watershed Geologist and CPESC #311. He has completed many projects, including biotechnical slope stabilization. John's career in Watershed Management has also involved forming Sacramento Watersheds Action Group (SWAG) allowing him to design and implement large-scale stream, road, and slope restoration projects. He has taught at Shasta College for 16 years and produces the [Dirt Time](#) video series. It has been said that "Dirt Time is the This Old House of erosion control".





WHAT'S NEW AT HEADQUARTERS

Some highlights from IECA for our members:

- Felix Ortiz is the new Marketing/Publications Director.
- Mark Pinkel was a contractor helping us out with membership planning, and has finished his assignment. We are in the final stages of reference checking for two candidates for an in-house Membership Director position, and will be making that announcement soon.
- Jimmy Eanes has resigned and Joanna Fetherolf has stepped up to fill the Education Director position.
- Rose Ann Barranco is our new Office Coordinator/Bookkeeper.
- Gretchen Bliss is the new Meeting Planner and ready to help in any way with your events.
- We have developed a new chart of accounts that will enable us to better track and predict financial trends. Along with that, we have moved from Peachtree Accounting to QuickBooks online, so if you ever want detailed IECA financial information, you will be able to look at reports from your desktop. We also successfully completed an audit and passed with flying colors!
- We are re-aligning some of the chapters due to the inception of a new Canadian Chapter of IECA. All the provinces that were formally in other chapters will now be a part of a new Canadian Chapter. (Western is not impacted by this re-alignment.)
- We are in the process of upgrading our membership database system, which will automate many of the functions we now do manually. This will also include a new website. This process should be completed before conference.
- Atlanta is the location of EC17; Long Beach EC18 and Denver EC19. We hope to have you actively involved in Long Beach planning and speaker selection.
- Please let me know when the next board meeting is so that I can make sure someone is a part of your call. We like to hear about all the Chapter's accomplishments!

Sharan Wilson



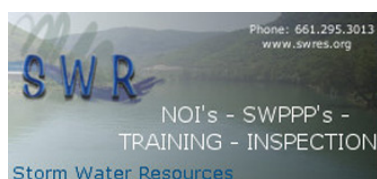
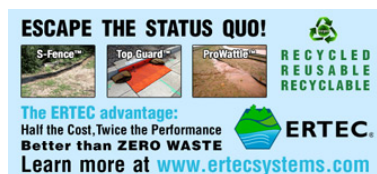
Executive Director

International Erosion Control Association (Region One)

3401 Quebec St., Suite 3500 | Denver, CO 80207-2339, USA

Phone: [303-640-7554](tel:303-640-7554) | Fax: [866-308-3087](tel:866-308-3087)

Email: Sharan@ieca.org | Website: www.ieca.org



BOOK REVIEW: CONTINUED

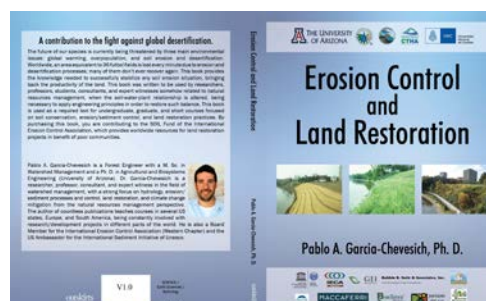
The book is organized into three units: Unit 1 details the erosion process, causes, and classification; Unit 2 includes methodologies for determining design flows; and Unit 3 addresses design of structures and practices. For example, surface creep, a phenomenon of which I was unaware (or at least unobservant) until I met Dr. Chevesich in Panama several years ago, is well described in Unit 1. The scope of the book is broad and addresses topics ranging from design of bridge abutments, to biotechnical engineering, to mine tailing remediation. The book is sprinkled with interesting facts. I learned that gabions were constructed as long ago as 4,000 years, but that the wire version was first produced by Maccaferri in 1892, patented in 1913 by an Italian engineer, and then acquired by Maccaferri.

The only topics I thought were a little weak or where I take issue were as follows:

1. The general lack of explanation or differentiation between sediment control versus erosion control, (sediment control is necessary only when erosion control has not been achieved): Silt fences don't control erosion; they control sedimentation **after** erosion has already occurred.
2. Confusion among types of erosion control fabrics and geotextiles (Chapter 8, Geosynthetics): Geosynthetics to me means that these materials are manufactured from synthetic monofilaments such as polypropylene and nylon and are meant to persist in the environment. By definition they would not include rapidly degradable (more or less, depending on climate) textiles manufactured from plant-derived materials such as coconut fiber, jute, etc. Biomats would therefore not be a subset of geosynthetics but more broadly a subset of geotextiles.
3. Soil engineering versus biotechnical engineering (Chapter 13): Also from my perspective and experience biotechnical engineering does by definition include the use of biology, (e.g., in this case vegetation) for engineering solutions where the vegetation is integral to the erosion control system. Species are generally not comprised of typical landscaping species in a conventional application but rely on native vegetation to achieve stabilization. For example, I consider willow brush mattresses to be an excellent type of biotechnical engineering, where the willows provide erosion control and bank stabilization while also providing habitat (shade for fish, cover for birds, small mammals, and reptiles) in lieu of typical hard armoring with riprap.

But decide for yourself, as this text should be in every practitioner's library.

Chevesich, P.G. *Erosion Control and Land Restoration*. 2016. Outskirts Press, Denver CO. 451 p.



SHASTA COLLEGE HOSTS INTERNATIONAL EROSION CONTROL BMP SUMMIT

By Joyce Goode, CPESC, QSD/P
CASC Engineering and Consulting, Inc.



In May of this year, the WCIECA hosted the 2016 Erosion Control BMP Summit in the picturesque community of Redding, CA. The event was located at the Shasta College Erosion Control Training Facility. The facility is nestled in with the horticultural department of the campus and provided a tranquil backdrop for the conference. Professionals from all over the world attended the 2-day session. The seminar offered classroom and field instruction, as

well as the opportunity to meet vendors and network with other professionals in the erosion and sediment control industry.

Classroom presentations were led by industry icon, John McCullah. His genuine enthusiasm and passion for his profession elevated his lecture from the typical humdrum experience of a classroom setting. McCullah's discussion focused on the proper implementations of erosion control and sediment control applications, and he provided information on current technologies in erosion and sediment control. McCullah placed an emphasis on understanding the environment, geology, and soils of your project to assist in BMP selection. Highlights of his lecture were sustainable sediment control applications such as compost and the use of willows in stream bed restoration projects. Assisting in the classroom presentation was restoration biologist, Eric Berntsen. Berntsen provided a brief overview of current stormwater regulations. Berntsen offered insight into the benefits of low impact design (LID) principles and solutions on how to mimic pre-project hydrology using LID principles. Field instruction was also led by McCullah. It was conducted at the five acre training site just a short walk from the classroom. This portion of the seminar delivered a fun and interactive learning experience for participants. Various sections of the site were dedicated to BMPs ranging from hydroseed, compost socks, and coir mats/ fiber rolls for students to observe. Attendees participated in the application of hydroseed and compost, and assisted in the installation of coir fiber rolls and geotextile mats. Installation demonstrations of silt fencing and the use of willow cuttings for slope stabilization were performed by students from the college.

The classroom and field sessions also provided vendors with the opportunity to showcase their products. Vendors had booths set up inside the classroom displaying their products. The vendors were able to discuss the design of their products and applicable uses on a one-on-one basis with attendees during break times. Field instruction also gave vendors the ability to show how their products are installed and the effectiveness of their technology.

Overall, the event was an excellent chance for professionals at all levels within the industry to learn about erosion and sediment control applications.

If you have a contractor, book, project etc. you would like to highlight please send submissions to:

Westernchapter@gmail.com.

Did You Know that You Can Get 4 PDHs Per Year by Reading the Magazine?

Our members get 4 extra credit PDHs each year for reading and taking our Environmental Connection Magazine quiz. Take advantage and claim your extra credits. Learn more at www.ieca.org/quiz.



You can view all the photos from our events on our Facebook page.



'Like' our Facebook page, comment and / or start a conversation at www.facebook.com/WCIECA.

Don't do Facebook? Check out all the BMP Summit photos at this [link](#).

UPCOMING DATES & MEETINGS

EVENTS

- August 14–17 (Cartagena, Columbia) [VIII Iberoamerican Congress of Erosion and Sediment Control](#)
- September 12 (San Diego, CA) [CASQA's 12th Annual Conference! Stormwater Evolution: Source to Resource](#)
- October 17-21 (Redding, CA) Stream Restoration Summit preliminarily scheduled for 2-days during this week.
- October 26 (San Marcos, CA) CIP/PIP/LUP Projects In Construction Workshop. More details to follow soon!

WEBINARS

IECA hosts over 15 webinars per year. Vendor Webinars are free to members, so take advantage of that benefit and register today to get your 1 free PDH. To learn more about the upcoming webinars, visit www.ieca.org/webinars. Also, be sure to take advantage of your 2 free IECA Webinars per year - for Professional Plus members or higher. The benefits keep adding up! See ieca.org for more details.

- July 20 - [Start Here: A Primer on Erosion and Sediment Control](#)
- August 3 - [FREE* Organic, natural, weed free, photodegradable, and biodegradable products: What's the difference and when should they be used? - Sponsored by East Coast Erosion Control](#)
- August 31 - [Tecnicas de Ingenieria del Paisaje para Las Obras de Infraestructuras: Materiales](#)
- September 7 - [FREE* Underground Storage: More Than Hiding Stormwater - sponsored by StormTank](#)
- September 21 - [Designing LID Systems: What do you need to know and why](#)

DEADLINES

- May 31 - [Environmental Connection 2017 in Atlanta, Georgia – Abstract submissions.](#)
- June 15 - IECA abstract deadline for EC17 [Call for Presentations.](#)
- June 29 - WCIECA Election Closes. Check your email for your voting key.
- July 29 - IECA Board Nomination Closes. Details [here](#).

Training

IECA's New eLearning Experience

Online industry education at your fingertips

IECA's new and enhanced eLearning platform offers over 100 courses taught by industry experts for industry professionals. All IECA eLearning is self-paced and available to you anytime, anywhere. Join IECA

EnviroCert International provides oversight and direction for the CPESC, CESSWI, CPSWQ, CMS4S certification programs. Phone: (828) 655-1600 david@envirocertintl.org www.envirocertintl.org.

California Construction General Permit QSD and QSP Training Courses provided by CASQA-qualified CGP Trainers of Record (CGP-ToR). Professionals developing SWPPPs (QSDs) or professionals implementing SWPPPs (QSPs) under the CA construction general permit must complete this training. For training classes, go [here](#).

Training-Offered by CISEC - For one and one-half day construction site inspector training modules on sediment and erosion control. Visit www.cisecinc.org for various dates and locations coming up in California.

PROFESSIONAL LISTINGS

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 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 BMP’s and Earthsaver’s experienced staff can provide superior technical support to our distributors and their customers and specifiers.

JL STORM WATER CONSULTANTS, INC. is a State Certified SBE/DBE/WBE/UDBE Company. www.jlstormwater.com. Jane Ledford, Principal, jane@jlstormwater.com or (619) 922-6511. Services include: Environmental Permit Preparation, Processing and Compliance, SWPPP Preparation and Processing, SWPPP Implementation, SWPPP Inspections, SWPPP Training including the newly adopted Construction Storm Water Permit, Trainer of Record for the QSP/QSD classes, Construction Monitoring, Biological Resources Monitoring, Cultural Resources Monitoring, Coordination with Native American Monitors, English-Spanish Translation of Worker Education Materials.

KELLEY EROSION CONTROL, INC. established in 1983, 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, BMPs, storm water pollution inspection and monitoring, revegetation and project maintenance, site winterization, wetland mitigation, stream channel stabilization, planting and irrigation, mining reclamation, soil stabilizer applications, biotechnical applications, fire restoration/ rehabilitation, water quality, turbidity control & pH sampling for SWPPP requirements. Contact - Claudia Chambers CPESC, CISEC, QSP, claudia@kelleyerosioncontrol.com, phone (775) 322-7755. Visit us at www.kelleyerosioncontrol.com.

LINWOOD SUPPLY, INC. is your distributor of BMPs for Erosion Control and Storm Water Management offering Erosion Control Blankets, TRM products, Fiber Rolls, netting, HydroFiber™, Soil Polymers, dust controls, fertilizers, seed, manmade and natural chemistries, and generally providing you with the kind of service and professionalism you deserve. Linwood Supply, Inc. is a certified small Business based in California, a member of the International Association of Hydroseeders, and a proud member of the Western Chapter IECA. If Your Storm Water is as Clear as Mud™ - Please call us at (707) 678-5087 or visit us at www.linwoodsupply.com.

MARVIN E. DAVIS & ASSOCIATES, Inc. 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 www.mdageotechnical.com.

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.

PACIFIC COAST SEED is Northern California's premier supplier of CA native grasses and wild- flowers, 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 checkout our website www.pcseed.com or contact us at (925) 373-4417 or info@pcseed.com.

SUSTANE NATURAL FERTILIZERS - For over 30 years of continuous operation, Sustane Natural Fertilizer, Inc. 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.

NEXT WESTERN CHAPTER EVENT

SAVE THE DATE

Wednesday, October 26, 2016

**CONSTRUCTION SITE MANAGEMENT WORKSHOP
COVERING
TRADITIONAL, LINEAR UTILITY, AND
CAPITAL IMPROVEMENT PROJECTS**

WHO:

Contractors, Engineers, Inspector, Designers, Regulators

WHERE:

City of San Marcos, 3 Civic Center Drive, San Marcos, CA 92069

WHEN:

October 26, 2016, ~8:30 AM to ~4:30 PM

WHY:

Meet training requirements, earn Professional Development Hours for certification renewal, networking, and learning.

WHAT:

Hear from local and regional experts and product vendors regarding construction site erosion and sediment control and storm water management. Detailed agenda to follow.

HOW TO SIGN UP:

Registration information coming soon!

PRODUCT MANUFACTURES / REPS:

Limited exhibit space and presentation opportunities available.



WESTERN CHAPTER
INTERNATIONAL EROSION CONTROL ASSOCIATION

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