



International Erosion
Control Association

Volume 6, Issue 1

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Notice the new look?

The Western Chapter Newsletter and the recently remodeled Web Site were produced by cybertizing ASSOCIATES. <http://www.cybertizing.com>

Managing Partner, Michael Mellon, is a Chapter Member and a 2-term Past President of IECA. Contact Michael at mgmellon@silcom.com

Western Chapter News

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

Winter 2002

WCIECA Helps to Expand Knowledge in Arizona Seminar

On November 28 the WCIECA hosted a seminar/field trip in Tempe, AZ to increase awareness of National Pollution Discharge Elimination System (NPDES) Phase II changes coming in 2003. The seminar was well attended with over 165 learning the changes that will be coming from both the EPA and from the State and local regulating authorities.

The keynote speaker from the seminar was John Kosco. John currently works as a water resource engineer for a private company, but he was previously with the U.S. Environmental Protection Agency where he was one of the primary authors of the NPDES Phase II regulations. His talk was an overview of regulations leading up to Phase II. He continued his talk on how Phase II will effect the smaller Municipal Separate Storm Sewer System (MS4) communities and construction sites under 5 acres.

Tom Huetteman followed John Kosco's talk. Tom is currently the EPA Chief of the Clean Water Act Compliance Office for Region 9, which includes Arizona. Tom expanded on John's talk and explained what a Storm Water Pollution Prevention Plan (SWPPP) is, why it is needed, why it needs to be site specific, and finished his talk on the fines and penalties for non-compliance of the NPDES permit.

Michele Robertson was the next speaker. Michele is the manager of the water Permits section of the Arizona Department of Environmental Quality. She

is currently working to develop rules and other components of Arizona's implementation plans for the NPDES Phase II program at the State level. Her talk gave the audience information of the transition from being an EPA regulated State to a State run NPDES program. The goal is to present the application on January 2, 2002 for review and to be a State ran program by July 1, 2002.

Todd Williams' presentation followed and added to Michele's on the future of Arizona in the State run program. Todd is the Water Quality Program Coordinator for the Maricopa County Flood Control District. He directs the storm water monitoring for Phase I cities and is in the process of coordinating a regional watershed approach to addressing storm water quality issues for Phase I and Phase II municipalities. Todd was able to take his talk to the next level as far as where the municipalities will need to be as the NPDES program moves to a State ran program.

The final speaker was Rob Anderson. Rob is a principal in a law firm in Arizona where he practices in the area of environmental and water law. His talk was very direct and to the point, we need to comply because it is the law. Rob gave a very informative talk discussing the requirements to be in compliance with the NPDES permit and the penalties for non-compliance. His talk also addressed the need to use caution when hiring a consultant. Sometimes the information they give you may be wrong and you are left paying the fine.

After the speakers finished their presentations, there was an open forum for questions and answers, which concluded the seminar portion of the program. A box lunch was waiting and those going on the field tour were loaded onto buses for a road trip north on State Route 87 towards Payson. About 100 attendees went on the field trip to learn about the expansion and re-alignment of State Route 87. This project was a joint venture between Arizona Department of Transportation (ADOT) and United States Department of Agriculture Forest Service Tonto National Forest.

The USDA Forest Service was heavily involved because the majority of the State Route 87 project was in the heart of the Tonto National



Fiber rolls installed along the roadside to reduce erosion.

See **Arizona**, pg. 2

President's Message

Dear Western Chapter Members:

We extend a warm welcome to new Board member Peter McRae, who replaces Angelo Pecorilla, Board member at large, until elections take place in July. Our Board thanks Angelo for his past participation and input. Those who know Angelo have always appreciated his candor. Peter was runner-up from our last election and promises to actively participate on the Board. He is President of Quattro Environmental, a materials supplier of erosion control products and soil amendments.

We recently held our second regional conference in Phoenix, Arizona (see accompanying article). Many thanks to those folks involved in organizing the meetings, including Board members Claudia Chambers and Mike Chase, Western Chapter member Lou Snow, and Barb Beatty of Dust Pro. Also greatly appreciated were the excellent field tour and associated handouts prepared by the Forest Service and the Arizona Department of Transportation

Our third regional conference will be held at the Embassy Suites, April 17-19 2002, in San Rafael, California. The conference begins on Wednesday with a CPESC tutorial, followed by the opening and technical sessions on Thursday morning. Field trips are scheduled for Thursday afternoon to examine and evaluate local erosion control and water quality projects. The technical sessions continue on Friday morning. Our Board meeting will take place Friday afternoon and as always it is open to all those interested. The CPESC exam will also be held some time during the three-day period. The theme for the conference is Monitoring for Success, but papers will also cover additional topics. Some of the monitoring topics to be addressed include the water quality monitoring program at Lake Tahoe, methodologies and approaches to monitoring erosion control projects, monitoring of river restoration projects, and monitoring of soil biology. These and other papers will attempt to define success, which varies with project objectives.

Our next field tour will take place in Lake Tahoe during the summer of 2002. As in past field trips, we will be traveling in vans around the Lake to visit erosion control projects in both California and Nevada. Please contact us if you are interested in participating.

Although Orlando, Florida is pretty far from our Western Chapter territory, a number of Chapter members will be attending the IECA's 33rd Annual Conference and Exposition February 25 - March 1, 2002. We have a room reserved for Thursday afternoon for our annual Chapter meeting. Join us.

We hope to see you at all three upcoming events.

Julie Etra, CPESC
Western Chapter IECA President



Make plans to attend 'Adventures in Erosion Education', IECA's 33rd Annual Conference and Expo, February 25- March 1, 2002 at the Orange County Convention Center - Orlando, Florida! Complete details are available at <http://www.ieca.org>.



Members were able to meet with the speakers and network with other attendees.

Arizona, cont'd from pg. 1

Forest. The goal was to produce a functional road while maintaining the scenic views, preserving the geological formations, and protecting the ecosystems.

To achieve these goals, road alignments were avoided that would block scenic views, new rocks were painted to match the existing rocks, and the concrete used in bridges was colored to match the surrounding desert color. Cactus and trees were saved to plant back into the landscape and a seed mix of natural ground cover was used and planted right after the final grade of a slope was completed. They also used guardrails that would rust on the surface to avoid the shiny galvanized look, and they even roughened the interior surfaces of box culverts for bat habitat.

The project earned the FHWA Environmental Award for 1999 because it addressed and protected the natural environment. The State Route 87 project was so successful that it has become the standard for all future road ways designs in the Tonto National Forest, and for those taking the tour it was easy to see why.

The day finished with a dinner. For those who attended, it was an opportunity to meet with several of the speakers and the opportunity to network with other attendees.

The Western Chapter sponsored David Watson for both days of this event and gave him the opportunity to interview the speakers and any individuals who's company are currently providing training in the area of erosion and sediment control to youth groups. David is the youngest member of IECA and the IECA Student Resources Editor.

November 29 was set for Certified Professional in Erosion and Sediment Control (CPESC) training, which approximately 80 individuals attended. The instructors for this training were Carol Forest and Michael Harding. They donated their time to conduct this training and from the turnout, it appears that there is a real hunger for more knowledge in the area of erosion and sediment control in Arizona.

WCIECA appreciates the efforts of Lou Snow and Barbara Beatty of Dust Pro for their help in organizing this event and to Carol Forest and Michael Harding for donating their time to conduct the CPESC training. ☁

Michael Chase

Calendar Events

The WCIECA will be exhibiting at both the Sacramento Valley Landscape and Nursery Expo, and at the Northern California Turf and Landscape Show. If you are planning on attending these events we could use some assistance staffing the exhibit and promoting the Chapter to the attendees.

The Sacramento Valley Landscape and Nursery Expo is being held on January 16, 2002, at the Sacramento Community Convention Center. The Northern California Turf and Landscape Show is being held on January 17 and 18, 2002, at the Santa Clara Convention Center.

Jon Shilling is the contact for both these events. Please call him at (530) 432-5914 if you are interested in helping out.

February 25 - March 1, 2002 Make plans to attend 'Adventures in Erosion Education', IECA's 33rd Annual Conference and Expo, February 25-March 1, 2002 at the Orange County Convention Center - Orlando, Florida! Complete details are available at <http://www.ieca.org>.

March 6 and 7, 2002 15th High Altitude Revegetation Workshop. University Park Holiday Inn, Ft. Collins, CO 970-482-2626. For more info visit <http://www.highaltitudereveg.com>.

March 12, 2002 Phase II: How to Select, Install and Inspect Construction Site Erosion and Sediment Control Best Management Practices for NPDES Storm Water Permit Compliance. (Holiday Inn Phoenix Midtown, 4321 North Central Ave, Phoenix, AZ 85012, 602/200-8888). For more info visit <http://www.ieca.org>.

April 17 - 19 2nd Western Chapter Regional Erosion Control Conference, Monitoring for Success. San Rafael, California, Embassy Suites. For more information watch for updates at <http://www.wcieca.org>.

April 20 WCIECA Board of Directors Meeting San Rafael, California, Embassy Suites. For more information watch for updates at <http://www.wcieca.org>.



Committees

Arizona, Nevada & Hawaii Activities Committee

Mike Chase(Chair)..... mchase@rainforrent.com

Chapter Communications Committee

Michael Chase.....(Chair)..... mchase@rainforrent.com
Sandy Mathews..... mathews6@ltnl.gov
David Gilpin..... Dwgilpin@worldnet.att.net
Julie Etra JulieEtra@aol.com

Conference Committee

Carol Forrest(Chair)..... Carol_Forrest@urscorp.com
Claudia Chambers..... czachreson@aol.com
Hossain Kazemi mhk@rb2.swrcb.ca.gov
Julie Etra JulieEtra@aol.com

Contractor Liaison Committee

Claudia Chambers.....(Chair)..... czachreson@aol.com

Education Committee

Hossain Kazemi(Chair)..... mhk@rb2.swrcb.ca.gov
Julie Etra JulieEtra@aol.com
Mel Mathews mmathews@aei-casc.com

Inter-Organization Liaison Committee

Julie Etra(Chair)..... JulieEtra@aol.com

Membership Committee

Mel Mathews(Chair)..... mmathews@aei-casc.com
Mike Chase mchase@rainforrent.com

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2001 IECA Western Chapter Annual Report

December 22, 2001

The following is a summary of the 2001 activities of the IECA Western Chapter.

1. Logo

The Chapter is using a new Western Chapter logo that was developed in 1997 and modified in 2001 in keeping with the International logo.

2. Board and Chapter Meetings

The Chapter Board meets up to four times per year. In 2001, the Chapter met in Phoenix, AZ, Napa, and Las Vegas, NV. Minutes are issued after every meeting, and the meetings are summarized in the Western Chapter newsletter.

3. Second Regional Conference

The Western Chapter held its Second Regional Conference in Phoenix, AZ November 29th through December 1, 2001, in an effort to increase awareness of National Pollutant Discharge Elimination System (NPDES) Phase II changes coming in 2003. The seminar was well attended with over 165 learning the changes that will be coming from both the EPA and from the State and local regulating authorities. About 100 attendees went

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Report, cont'd from pg. 3

on the field trip to learn about the expansion and re-alignment of State Route 87. This project was a joint venture between Arizona Department of Transportation (ADOT) and United States Department of Agriculture Forest Service Tonto National Forest. The Conference was concluded with a CPESC tutorial, and followed by the exam.

4. Field Trip

The Chapter held an extremely successful field trip in the Napa Valley, July 2001. We examined erosion control methodologies as well as viticulture methodologies.

5. Membership

The Chapter has an active Membership Committee working with IECA to build membership. We continue to recruit IECA members in the Western Chapter area who are not Chapter members, and also to increase overall membership. This effort is being made through personal promotion by existing Chapter members, mailings of our newsletter, field tour notices, and other special mailings to encourage participation. A major effort was made at the Arizona conference to recruit new members from this region. The Membership Committee will follow up with the conference participants.

6. Newsletter

The Chapter newsletter was published three times in 2001, although future publications are scheduled for quarterly production. The newsletter is mailed to approximately 50 members, while the remaining membership receives it electronically. It is also posted on our Website. The newsletter includes regular items, such as a President's Message and Calendar of Upcoming Events, as well as feature articles. Michael Mellon has recently been contracted to produce the newsletter as well as revise and update the Website.

7. Finances

The Chapter is doing well financially (see separately submitted financial statement). We have made money on all activities to date. We have contributed to the Rick Granard fund as well as the Scholarship fund.

8. Committees

We currently have seven active committees: membership, communications, conference, education (to be combined w/conference), inter-organization liaison, Arizona, Hawaii, Nevada activities, and Contractor liaison.

9. Long-range Plan

We have updated our long-range strategic plan (old version attached). The revised plan, developed at our last Board meeting, and will be posted on our Website as soon as edits are conducted and approved by the Board.

10. Electronic Communications

Our Website continues to be updated. It currently includes links to Board members, by-laws, minutes, Chapter events, links to advertisers and the other organizations (including IECA, of course).

See Report, pg. 5



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2002 Newsletter and Website Ad Space Now Available

2002 brings new opportunity for Western Chapter IECA members to advertise their Products and Services. Since most of our members now receive their Newsletters over the internet, the Board has elected to offer Electronic Advertising to link you with prospects, customers, and friends throughout our 4-State region.

Here is how it works: Banner style ads (similar to the ones on the IECA Site) can be purchased for display both on the Web Site and in the Newsletter. These ads will require a calendar year commitment and cost only \$350.00 each. These full-color banner ads will be rotated in the newsletter every issue and also will appear randomly on the Western Chapter Web Pages, linked directly to your web site.

Currently, there are 238 members in California, Nevada, Arizona and Hawaii. They will each receive an electronic or hard copy Newsletter four times (quarterly) in 2002. Many members share their newsletter with other co-workers and several hundred people a month look in on our web site. This new approach provides a great advertising value for Western Chapter members. If you will recall, our ads ranged from \$200 to well over \$450 last year.

See Advertising, pg. 5

Professional Listings

Western Botanical Services, Julie Etra, Owner . 775-849-3223, 775-849-3303. WBS provides consulting services for design of erosion control, wetlands and riparian areas as well as botanical surveys and wetland delineations. Construction management services are also available.

Kelley Erosion Control, Claudia J. Chambers CPESC, Kym Kelley CPESC, Helen Godfrey, Reno, NV 775-322-7755 Fax 775-322-6606 email kellejerosion@worldnet.att.net Services: Hydro-seeding, wetland mitigation, stream channel stabilization, revegetation, dust abatement, drill seeding, BMP installation, biotechnical slope stabilization, strawblowing & reclamation.

JWA Consulting Engineers, R. Mark Hoefer Vice President, P.E., CPESC. Two offices to serve your needs; Zephyr Cove, NV- (775) 588-7178 fax (775) 588-1726, jwaeast@aol.com and Pleasant Hill, CA- (925) 939-5000 fax (925) 939-5878, jwawest@aol.com

Advertising, cont'd from pg. 4

If you don't yet have a Banner ad, our Webmaster will produce one for you for a one-time charge of \$50.00. The banner will become your property to use elsewhere as you wish.

Lastly, 'Business Card' ads will again be available for Contractors, Designers, Engineers, Consultants, and others who don't sell a product but instead render a professional service. They cost \$150.00 annually and will have instant e-mail links available. Your 'Business Card' ad will consist of your company name, contact name, phone number and e-mail address. Each advertiser gets one sentence to list specialties or make your case.

Sorry for the short timeframe. We're hoping to publish the next Newsletter and debut the new improved web site on January 15th, so you'll have to hurry! Please call soon with questions or to reserve your space.

If you're yet to become a Western Chapter Member and you want to advertise with us, please contact me for special non-member rates. ☁

David Gilpin Dwgilpin@worldnet.att.net

Rainy Season Reminders for Construction Sites

Now that the rainy season is here, it is time to review some important concepts and practices for protecting your construction site this winter. Proper preparation and planning can make compliance much easier.

Administration Practices

A good starting point for rainy season preparation is to reacquaint yourself with the approved Storm Water Pollution Prevention Plan or Erosion Control Plan. Consider the following in the review:

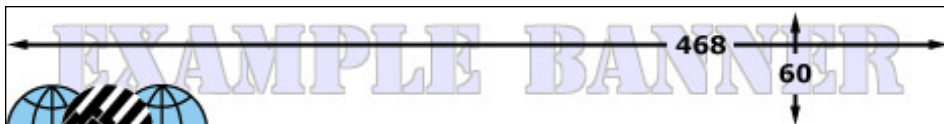
- ⇒ Does the approved plan reflect current and planned construction activities?
- ⇒ If changes to the plan are necessary, has the amended plan been submitted for approval.

Field Preparation

While the paperwork is being updated implementation of rainy season BMPs should begin by considering the following:

- ⇒ Examine the schedule of construction activities and arrange to minimize exposed soil areas.
- ⇒ Ensure that all non-active soil disturbed areas are protected.
- ⇒ Prepare for rain events by having enough erosion control material on hand.

See **Reminders**, pg. 6



Sample WCIECA.org banner ad measuring 468 pixels by 60 pixels. If you are providing your own banner design, it must conform to these dimensions.

Report, cont'd from pg. 4

11. Host Chapter at 2001 Conference

The Western Chapter participated actively as the host chapter for the 2001 Las Vegas conference. Our activities related to the conference included providing the following:

- ⇒ Western Chapter session monitors and moderators;
- ⇒ Western Chapter speakers for papers, training courses, and special sessions;
- ⇒ Western Chapter booth;
- ⇒ Western Chapter t-shirts and hats;
- ⇒ Western Chapter magnetic badges for all Chapter members;
- ⇒ Two Western Chapter technical field tours;
- ⇒ Western Chapter sponsored HydRodeo;
- ⇒ Western Chapter sponsored post-HydRodeo party;
- ⇒ Western Chapter sponsored Closing Session; and
- ⇒ Western Chapter membership and Board meeting.

12. IECA Committee Participation

Several key Western Chapter members have been actively participating in some of the key IECA committees, including review of publications for the annual conference, and the newly formed Membership committee.

13. CPESC Council

Carol Forrest, CPESC Chair and WCIECA Vice President, provides updates to the program.

Looking Forward

The Western Chapter is sponsoring its Third Regional Conference, to be held in San Rafael, CA, April 17th-19th. The Conference will include a CPESC tutorial and exam technical sessions, field tours, a trade show, and hydrodeo. The theme is 'Monitoring for Success.'

The Western Chapter is sponsoring a summer field tour of erosion control projects in Lake Tahoe. The tour will include projects in Nevada and California.

Respectfully submitted,

Julie Etra, CPESC, IECA Western Chapter President



Board of Directors

Name	Title	Organization / Address	Phone / Fax / e-mail	Term Expires
Julie Etra	President	WBS Inc. 5859 Mt. Rose Hwy Reno, NV 89511	(775) 849-3223 (775) 849-3303 JulieEtra@aol.com	2002
Carol Forrest	Technical Vice President	URS 1615 Murray Canyon Rd., Ste 1000 San Diego, CA 92108	(619) 294-9400 (619) 293-7920 Carol_Forrest@urscorp.com	2002
Michael Chase	Administrative Vice President	Rain For Rent P.O. Box 2248 Bakersfield, CA 93303	(661) 399-9128 ext. 111 (661) 979-8200 mchase@rainforrent.com	2003
Claudia Chambers	Treasurer	Kelley Erosion Control 2395 B Tampa St. Reno, NV 89512	(775) 322-7755 (775) 322-6606 czachreson.aol.com	2002
Sandy Mathews	Secretary	Lawrence Livermore National Laboratory P.O. Box 808, L-627 Livermore, CA 94551	(925) 423-6679 (925) 422-2748 mathews6@llnl.gov	2003
David Gilpin	Member	Pacific Coast Seed Inc. 6144 A Industrial Way Livermore, CA 94550-9749	(925) 373-4417 (925) 373-6855 Dwgilpin@worldnet.att.net	2004
Hossain Kazemi	Member	California Regional Water Quality Control Board, San Francisco Bay 1515 Clay Street, Suite 1400. Oakland, CA 94612	(510) 622-2369 (510) 622-2450 mhk@rb2.swrcb.ca.gov	2004
Mel Mathews	Member	AEI-CASC Engineering 18 Technology, Suite 135 Irvine, CA 92618	(714) 758-0101 mmathews@aei-casc.com	2004
Peter McRae	Member	Quattro Environmental 649 I Ave Ste 4000 Coronado, CA 92118-2015	(619) 522-0044 (619) 522-0055 pmcrae@abac.com	2002*

* Position was filled by appointment in November 2001 until the next election. In the 2002 election this position will be filled for the remaining portion of the term - until 2003.

Reminders, cont'd from pg. 5

Site Protection

- ⇒ Active disturbed soil areas and non-active areas may need protection with soil stabilization practices and sediment controls.
- ⇒ Project perimeter discharge locations should be protected to prevent sediment from entering storm water runoff.
- ⇒ Storm drain inlets downstream of disturbed areas require protection from sediment intrusion with sandbags, sediment traps, or other inlet protection devices.
- ⇒ Reduction of water velocity at storm drain outlets may be required in order to prevent scour and minimize downstream erosion.

Common Soil Stabilization BMPs

Consider the following soil stabilization BMPs for your site. Conditions for use may vary:

- ⇒ Geotextiles, Mats/Plastic Covers And Erosion Control Blankets.
- ⇒ Scheduling
- ⇒ Preservation of Existing Vegetation
- ⇒ Temporary Seeding and Planting
- ⇒ Mulching
- ⇒ Soil Stabilizers

Common Sediment Control BMPs

The following sediment control BMPs also require consideration:

- ⇒ Check Dams
- ⇒ Silt Fences
- ⇒ Straw Bale Barrier
- ⇒ Sand Bag Barrier
- ⇒ Storm Drain Inlet Protection
- ⇒ Sediment Basin
- ⇒ Rolled fiber products

Last But Not Least

Make sure that you have an on-going BMP inspection and maintenance program in place. ☁

Mel Mathews, C.P.E.S.C.