



RUNNOFF

CALIFORNIA CHAPTER NEWSLETTER

FALL 2007

PRESIDENT'S MESSAGE

by David Rose

Hello to all the friends of conservation in the great states of California and Nevada. As I write this we are in the midst of Fall, which is my favorite time of the year. As I mentioned in my last message, time marches on, as it always does.



First, let's talk about membership. It's a top priority for me this year as President. I ask again, have you talked to a non-member about the advantages of joining the society? The member benefits are easy to list off, but perhaps the best message that you can use when recruiting is to talk about what you have gained from society membership. What have you learned? How has the networking benefited you in your professional life? Personal testimonials are very powerful. If you haven't talked to someone and asked them to join us, I urge you to take that step. Most people say that they join organizations because someone asked them to. The chapter and parent society becomes stronger and more vibrant when we are able to gain members. Those new members give us insight and perspective that we haven't had. Remember shirts and vests are still available to proudly show your association with the chapter and society. Thanks again to you all for your efforts.

Second, we are awaiting the passage of a new Farm Bill. The House has passed their version, though there have been some bumps in the road to passage in the Senate. It is anyone's guess when passage of a full Farm Bill will occur. I urge you to look into the provisions of the bill the House passed, and those of the Senate bill under consideration. Some of you may wonder why we as a chapter and society are concerned about a

Farm Bill? Aren't we an organization that promotes conservation? Of course we are concerned about the cause of conservation, and the Farm Bill is a major player for funding and assistance for conservation on private lands. A tremendously high percentage of the potential opportunities for habitat conservation, wildlife habitat improvement, water quality and more are possible only on private lands. Stay tuned.

Third, the planning for our annual conference next spring is proceeding. Our President-elect, Lisa Hokholt, is taking the lead by chairing the annual conference committee. I urge those of you who are interested in serving on the committee or helping in some way to contact Lisa if you do have an interest. Currently Lisa is on a work detail to southern California to assist with the public affairs efforts as NRCS addresses the post-fire situation. Through the end of the calendar year, Walt Bunter has graciously consented to step in for Lisa to keep the ball rolling. Remember the annual conference is an excellent forum to present a poster paper or a formal presentation. If you have some great conservation work going on, I urge you to consider sharing with all of us at the annual conference. Conservation takes many forms and the states of California and Nevada have much going on.

Fourth, the Executive Board of the California-Nevada Chapter SWCS continues to be available to hear from members regarding issues, programs, funding levels, policy, etc. We need to hear from you so that we can direct our chapter's energies toward the most important concerns.

Fifth, elections will be coming up, so there will be chances for members to serve on the Executive Board. Mark Steffek, our past President, is heading up the Nominations Committee and they will be putting together a fabulous slate for us to consider. Please see page 4 for more information.

Finally, my year as President is now halfway through. I'm available to discuss the cause of conservation and what the chapter can do to be an advocate for natural resources, so let me hear from you.

Yours in Conservation,
Dave

AGRICULTURAL SOIL EROSION IS NOT ADDING TO GLOBAL WARMING

(Released on October 25, 2007 by the UC Davis News Service)

Agricultural soil erosion is not a source of carbon dioxide to the atmosphere, according to research published online today (October 25) in the journal *Science*. The study was carried out by an international team of researchers from UC Davis, the Catholic University of Leuven in Belgium, and the University of Exeter in the U.K.

Carbon emissions are of great concern worldwide because they, and other greenhouse gases, trap heat in the Earth's atmosphere and are a major cause of global climate change.

"There is still little known about how much carbon exactly is released, versus captured, by different processes in terrestrial ecosystems," said Johan Six, a professor of agroecology at UC Davis and one of the study's authors. "We urgently need to quantify this if we are to develop sensible and cost-effective measures to combat climate change."

In their new study, the researchers found that erosion acts like a conveyor belt, excavating subsoil, passing it through surface soils and burying it in hollows downhill.

During its journey, the soil absorbs carbon from plant material; when the soil is buried, so is the carbon.

Erosion, therefore, creates what can be described as a "sink" of atmospheric carbon. The team improved previous estimates of the amount of carbon being sunk. Said lead author Kristof Van Oost of the Catholic University of Leuven, "Some academics have argued that soil erosion causes considerable emissions of carbon, and others that erosion is actually offsetting fossil-fuel emissions. Now, our research clearly shows that neither of these is the case."

They found that erosion captures the equivalent of about 1.5 percent of annual fossil-fuel emissions worldwide. Earlier studies suggested a broad range of erosion's effects, from a sink equaling 10 percent of fossil-fuel emissions, to a source equaling 13 percent.

Even without major carbon impacts, the researchers said, erosion is a problem that must be addressed, because it has a detrimental effect on agricultural productivity and the surrounding environment.

Funding for the study was provided by the University of California's Kearney Foundation of Soil Science, the European Commission under the Marie Curie IntraEuropean Fellowship Programme, and the Fund for Scientific Research, Flanders.

Submitted by Walt Bunter for Fall issue of RUNOFF

SAVE THE DATE
February 24 - 26, 2008
Growing Opportunities

The 21st Convening of the **CALIFORNIA SMALL FARM CONFERENCE**
 Visalia, CA

SMALL FARM CONFERENCE COMING TO VISALIA

The California Small Farm Conference is the state's premier gathering of small farmers and those who support them. The three day educational conference includes on-farm tours, focused workshops, general educational sessions and opportunities for peer networking.

The theme of the 2008 California Small Farm Conference is Growing Opportunities. While small farmers continue to face many challenges, they are also finding unprecedented opportunities. The growing interest in locally-grown food and supporting sustainable food systems offers great promise for the small farmer that is able to produce a high quality product and market it effectively to consumers hungry for California-grown foods.

Conference scholarship applications and conference registration forms are now available! Registration forms, scholarship applications, as well as session details and featured speakers can be found at www.californiafarmconference.com. See you there!



A NEW MODEL TO SIMULATE RUNOFF AND SEDIMENT PROCESSES WITH REALISTIC TOPOGRAPHY

(From the November 2007 issue of CSA News)

For many years, scientists have studied ways to estimate how much soil is eroded from agricultural fields. But sometimes, the important question is not just “how much?” but also “where?” Soil erosion can vary significantly over short distances as a result of local soil properties and microtopography; but despite this, many erosion models assume homogeneity in topography and soil characteristics. To identify those portions of a field most in need of special care and evaluate the long-term implications for production, it is necessary to treat topography in a more realistic fashion, including the spatial detail associated with soil detachment, transport, and deposition.

Scientists at the University of Wisconsin–Madison and Pontificia Universidad Católica de Chile have developed a unique model to simulate runoff and sediment processes realistically with complex topography. The model, called PALMS

(Precision Agricultural-Landscape Modeling System), applies comparable rigor to runoff and infiltration processes by integrating soil physics (infiltration) and hydrology (runoff) with a major emphasis on sealing

processes at the soil surface, which are critical to how rainfall is partitioned. The model is described in the September–October 2007 issue of the Soil Science Society of America Journal (SSSAJ).

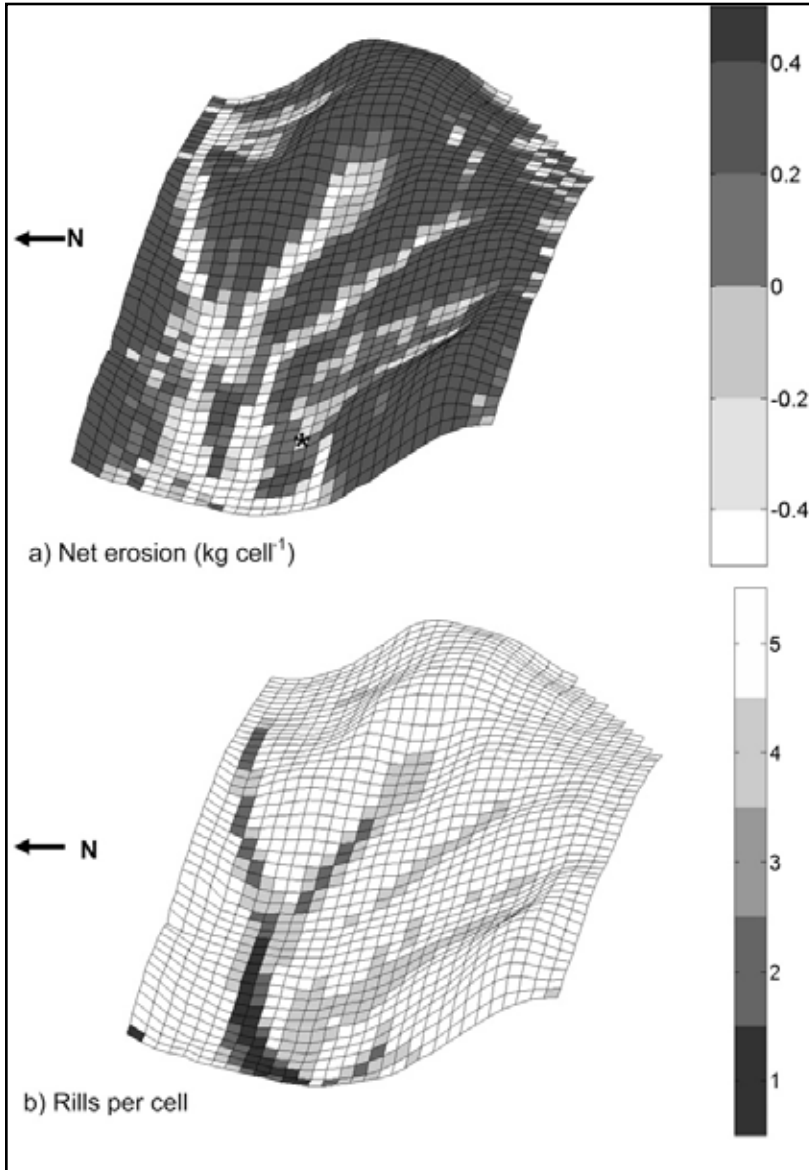
With a small grid-cell size (5–20 m) and short time

steps for runoff (10 seconds), PALMS can predict changes in detachment and deposition over short distances as a function of local soil properties and microtopography. As a result of the higher temporal resolution, extreme events can be identified, and their importance for total erosion levels can be evaluated. Thanks to the grid approach, PALMS can be used to predict deposition, locations, amounts, and the pathway taken by the eroded material as it moves in complex landscapes, from fields to water bodies.

“PALMS provides a spatial/temporal platform for exploring linkages between runoff and sediment transport processes, a very poorly understood frontier in erosion studies,” says Carlos Bonilla, one of the scientists and lead author of the SSSAJ article. “Soil erosion models could

be most valuable when used to suggest management practices that minimize soil loss and maintain crop productivity. PALMS addresses both crop productivity

(Continued on Page 4)



Output from a PALMS model run simulating a 28.2-mm rainfall runoff event on a 3.7-ha field near Saukville, WI (grid cells shown are 5 by 5 m; topography is exaggerated 14×; north is to the left in the figure). (a) Net erosion for the entire runoff event. Darker shades are net erosion; lighter shades are net deposition. Values range from -4.28 kg cell⁻¹ (deposition) to 0.25 kg cell⁻¹ (erosion). The position of the runoff and sediment collector is shown with an asterisk. (b) Number of rills per cell formed by this runoff event. Reprinted from *Soil Sci. Soc. Am. J.* 71:1524–1537

"A NEW MODEL" *Continued from Page 3*

and environmental protection, as the comprehensive model incorporates all the major processes that affect both production and pollution."

PALMS soil loss predictions were tested on an existing set of rainfall simulation data from erosion plots at 11 sites located throughout the eastern United States. These soils covered a broad range of physical, chemical, biological, and mineralogical properties. More recently, the overall performance of PALMS under cropped conditions was evaluated by comparing the runoff and soil loss model predictions using two years of field measurements in three different farm fields in Wisconsin. The accuracy of the runoff and soil loss predictions observed in both tests showed that PALMS is a useful tool for predicting spatial and temporal patterns of runoff and soil loss for agricultural fields with complex topography. These results will be published in a future paper.

The research was supported with funds from the Water Quality Program of the USDA Cooperative State Research, Education, and Extension Service (USDACSREES) and the Wisconsin Buffer Initiative funded by the Natural Resources Conservation Service and the Wisconsin Department of Natural Resources.

Bonilla, C.A., J.M. Norman, and C.C. Molling. 2007. Water erosion estimation in topographically complex landscapes: Model description and first verifications. *Soil Sci. Soc. Am. J.* 71:1524–1537. View the full article online at <http://soil.scijournals.org/content/vol71/issue5/>

(CSA News is published by the Crop Science Society of America, Soil Science Society of America, and the American Society of Agronomy)

Submitted by Walt Bunter for Fall issue of RUNOFF

Society Shorts

BE A LEADER!

by Mark Steffek, Past President and Nominations Committee Chair

The people of California and Nevada are being challenged with increasing natural resource management decisions everyday. Water is in short supply; soil health; space for new home construction is limited; should we grow food or fuel?; climate change. What can you do about it? The California-Nevada Chapter of the Soil and Water Conservation Society is seeking members who are ready to step up to the plate to take a leadership role to work toward solution of these issues and more with other partners. The CA-NV SWCS Chapter has three positions for Director plus the President-Elect position in an election that will be held in early 2008. One of the Director positions must be a resident of Nevada. If you are motivated to taking on a leadership opportunity in a professional organization seeking solutions to the West's natural resource concerns, then please contact me for more information. I can be reached by calling 530-233-8868 or email at mark.steffek@ca.usda.gov. Leadership is its own reward.

NEW CA-NV CHAPTER MEMBERS

by Walt Bunter

We extend a GREAT BIG WELCOME to the following 12 members who recently joined or rejoined the SWCS and our California-Nevada Chapter or transferred in from another state chapter.

Kevin Abernathy – Turlock
 Jenna Brazil - Scotia
 Joe Browde - Petaluma
 Jeff Dlott – Soquel
 Michael Evasovic – Huntington Beach
 Jeff Hayes – Santa Paula
 Chris Ince – Porterville
 Rob Mazalewski - Davis
 Francis Rond - Clovis
 Robert Roy – Madera
 Scott Smith – Oceanside
 Christina Whidden - Clovis

CALIFORNIA HAS 259 CPESC SPECIALISTS AND NEVADA HAS 23

According to the national website for Certified Professionals in Erosion and Sediment Control, Inc., 237 individuals in California have been certified and 22 more are in training. In Nevada, 22 individuals have been certified and one more is in training. Many are members of our Chapter. Interest in becoming certified continues to grow. CPESC, Inc. has also created a specialty certification for Storm Water Quality Management, or CPSWQ. There are already 62 CPSWQ Specialists in California and one in Nevada. You can read the bylaws, apply to become certified, obtain the Code of Ethics, and the certification standards and procedures at: www.cpesc.org Eric Berntsen from Sacramento is the Regional Representative for the Pacific Southwest Region, covering California, Arizona and Nevada. California Area Representatives are Mike Alberson, Curtis Bates, Richard Casale, Mike Simmons, and Archie Wright. Julie Etra is the Area Representative for Nevada.

California CPESC	City
Kelsey S. Adams *	San Francisco
Michael R. Alberson	Escondido
Kim Louise Aldrich	San Clemente
Daniel Andrew Apt	Irvine
Donald Ray Ashcraft Jr *	Ukiah
Sarkis S. Aslan	Indio
Jonthan H. Bailey P.E.	Concord
Matt Baldzikowski	Los Altos
John Michael Balobek	San Ramon
Anthony D. Barry	La Jolla
Curtis M. Bates	Windsor
Daniel M. Berger	Petaluma
Eric K. Berntsen	Sacramento
Tanya Bilezikjian	Irvine
Thomas N. Bistline	Dana Point
Phillip R. Blake	Napa

California CPESC	City
Astrid C. Bock-Foster	Napa
Thomas A. Bonigut	San Clemente
Randall P. Bowersox	Murphys
John W. Bramhall	Red Bluff
Christian J. Braun	San Diego
Janice B. Bray	Jackson
Michael J. Broadwater	Placentia
Chris J. Brown *	Fair Oaks
Lorie Bruce	Valencia
David Edwin Burger *	Walnut Creek
Steven M. Butler	Felton
Joel Butterworth	Sonoma
Peter H. Cafferata	Sacramento
Scott D. Cannatelli *	San Jose
Daniel William Cannon	Escondido
Debra S. Carey	Lafayette
Christian Joel Carleton	Rocklin
Ethan M. Casaday	South Lake Tahoe
Richard J. Casale	Aptos
Barry D. Cavanna	Pleasant Hill
George K. Chan	San Marino
Michael R. Chase	Bakersfield
Denny M. Churchill	Quincy
Ronald J. Collins	Cromberg
Amy Kathleen Comte*	Colton
Timothy Daniel Cook*	Walnut Creek
Lauren Diane Corkins*	San Luis Obispo
Marvin F. Courtnage	Fullerton
Todd R. Creamer	Scotts Valley
Michael A. Cullinane	Temecula
Maureen Daggett	Orangevale
John R. David	Soquel
Sidney W. Davis	Georgetown
Travis Morgan Deem	Red Bluff
Kaila Adriane Dettman	Atascadero
Paul C. Deutsch	Fresno
Robert J. Ditto	El Dorado Hills
Brian J. Doeing	San Diego
Steven L. Dondalski	Highland
Kelly Elizabeth Doyle	San Diego
Jason Richard Drew	S. Lake Tahoe
Dan H. Duncan	Lancaster
Brent A. Edwards	Napa
Lisa A. Ekers	Santa Cruz
Jennifer R. Erler *	Escondido
Steven Jeff Esparza *	Lake Forest
Hector A. Esquer *	Coronado
Frederick D. Euphrat	Healdsburg
Michael M. Evasovic	Huntington Beach

California CPESC	City
Jeremy Michael Fantaroni *	San Diego
Brendan Canfield Ferry	S. Lake Tahoe
John William Filipoff	Laguna Nigel
Clarence U. Finch	Fresno
Shaun William Flater	San Diego
Russell Foster	Mather
David Franklin	Petaluma
Christopher Scott Frazier	Sacramento
Raymond C. Freeman	Berkeley
Lynn Friesner	Sacramento
Kymberly-Renée Gamboa	Fair Oaks
Philip B. Garbutt	Anderson
Daniel Paul Gerken	Irvine
John A. Gilchrist	Santa Cruz
Crisand K. Giles	Los Angeles
Christoper R. Giovannoni	Watsonville
John Charles Gleason	Irvine
Ronald G. Gonzales	San Diego
Dale A. Gropp	Arroyo Grande
Jennifer L. Guigliano	San Diego
Danny K. Hagans	Arcata
Sarah Marie Haggard*	Bakersfield
Brent G. Hallock	San Luis Obispo
Keith A. Hamblin	Shasta
Thomas Charles Hammond *	Petaluma
William T. Hanes	Vacaville
Douglas Hanford	Sonoma
Heather Dawn Hansen	Sacramento
Michael V. Harding	San Diego
Thomas Richard Harty	Chico
Clifford N. Harvey	McArthur
Ward A. Hastings	Santa Cruz
Richard F. Hathaway III.	Hat Creek
Kellee Margaret Hawkes	Upland
James Hawkins	Arcata
Mitchell Charles Haydon	Santa Rosa
Michaelynde M. Heilmann	Sacramento
Ray E. Hensley	Santa Clarita
Michael Stanley Hill	Arroyo Grande
Christopher R. Hinds *	Bakersfield
Nabil Henry Hissen	Walnut Creek
Yong-Fook Ho	Fresno
Wendell T.W.Y. Ho	Simi Valley
Martyn Hoffmann	Laguna Beach

California CPESC	City	California CPESC	City	California CPESC	City
James P. Hogan Jr.	Sacramento	John McCullah	Redding	Novin Rashedi	Palos Verdes Estates
David G. Hope	Windsor	Hal Thomas		John A. Ricker	Soquel
Tommy I-Ming Hsu	Lake Forest	McCutchan	Tustin	Karen A. Riley-Olms *	Seaside
John K. Hudson	Truckee	Jonathan D. McDonald	Cloverdale	Dennis Dale Rinehart	Napa
Scott R. Huntsman	Walnut Creek	James L. McEntire	Redding	Brent A. Roath	Benicia
Andy Iturriria	Bakersfield	Kansas McGahan	Truckee	Hamid S. Rokni	Davis
Jeremy Ryan Jackson*	Riverside	Steve F. McGuirk	Soquel	Sean R. Rose	San Jose
Jason N. Jackson	Grass Valley	Kenneth McKenzie	Saratoga	Diana C. Ruiz	Riverside
Nathan J. Jacobsen	San Diego	Thomas Lloyd Michael*	San Diego	Marvin H. Sachse	Marina Del Rey
Teresa M. Jakeway	Fontana	Dustin M. Miller	Shasta Lake	Orrin G Sage	Montecito
Marc J. Jameson	Fort Bragg	Louise D. Owens Miller	Potter Valley	Angela Kay Saxton *	Rancho Santa Margarita
Michael E. Jani	Santa Cruz	Ejaz Mohammad	Escondido	Misty L. Scharff	Sacramento
Mike Jensen	Occidental	Jason D. Moon	San Diego	Jerry P. Schneider	Los Angeles
Gary E. Jones	Tustin	Matthew C. Moore	San Diego	Thomas E. Schott	Palm Springs
Robert J. Kelley	Eureka	Michael G. Morris	Napa	Robert B. Schott	Cameron Park
Mike A. Kennada	Santa Clarita	Thomas Jay Murphy	Camarillo	Stefan L. Schuster	Truckee
Armen S. Keochekian	Encinitas	Stephen W. Murray	San Francisco	Donald Edward Scoles	San Diego
Paul Kephart	Carmel Valley	Gary K. Nagaoka	Watsonville	Daniel Stewart Secrist	Redlands
Randolph D. Klein	Arcata	Carolyn O. Napper	San Dimas	Roy J. Shlemon	Newport Beach
Dale A. Knudtson	Yorba Linda	Steven G. Nawrath	Sacramento	Robert Edward Shoener	San Diego
Michael L. Kolbenschlag	Burbank	Sally Negroni	Vacaville	Richard J. Sidor	Colton
David Z. Korfas	Rocklin	Jane Nelson	Valencia	Michael S. Simmons	Goleta
Michael H. Kuehn	Camino	Craig Richard Newman	Arcata	Steven W. Singer	Santa Cruz
Mark Jay Kuempel	Santa Cruz	Brett D. Nichols	Sacramento	Lisa Claire Skutecki	San Diego
Mark Steven Kylo	San Diego	Richard Nichols	Point Richmond	Elizabeth L. Smiley	Somerset
Ronald J. Lamaster	Redlands	Alfred T. Nitta	Loomis	David Smiley	Sacramento
Anna Y. Lantin	Irvine	Mark Edward Norman	Mariposa	Stephen G. Smith	Ben Lomond
Marc E. Laroche *	Bakersfield	Edward F. Othmer Jr.	Poway	H. Duane Smith	Scotts Valley
Laura Rene Larsen	Tustin	Michael J. Parenti	Alameda	Scott O'Brian Smith	Irvine
Nicholas Seth Lasher	Corralitos	Mark S. Parson	Davis	Karri A. Smith	Nevada City
Frank John Lauro	Bakersfield	Robert Terry Patterson	Mission Viejo	Douglas M. Sommerville	Santa Cruz
Wayne F. Leach	Petaluma	Robert A. Pearce	Bishop	Travis Jordan Spier *	Rancho Cucamonga
Cheryl Ann Lenhardt	San Luis Obispo	Arthur R. Pearson	Cambria	Thomas E. Spittler	Santa Rosa
Kwok W. Leong	Alameda	Eduardo Pech *	Santa Cruz	David A. Steiner	Napa
Paia Levine	Santa Cruz	Minerva Imelda Perez	Norwalk	Gene E Steuben	Gold River
William D. Lincoln	Hidden Valley Lake	Anthony Scott Perrou	Orangevale	Dawn M. Stimson	Grover Beach
Donna Lindquist	Portola	Jerome Leo Pitt	San Diego	Donald Kent Sturgeon	El Cason
Jeffrey Scott Loggans*	Norco	Roger J. Poff	Nevada City	Michael Sweeney	El Dorado Hills
Robin F. Mahoney	S. Lake Tahoe	Jessie H. Powell P.E.	Riverside	Ronald D. Taskey	San Luis Obispo
Carol Mandel	Ukiah	Anne Victoria Power	San Luis Obispo	Michael F. Taylor	Oroville
Ernie Mansfield	Alta Loma	Carol Presley	Aptos	Scott Eugene Thorne	Rescue
Michael Wayne Manson	Petaluma	Darryl C. Pridmore	Napa	Michael I. Tien *	Sacramento
Scott R. Marquardt	Fontana	Clinton R. Pridmore	Napa	M. K. Tobisch	Santa Cruz
Chris A. Marr	Rancho Cordova	Gil C. Pridmore	Napa	John S. Volpp	Chula Vista
Mel Mathews	Laguna Niguel	Steven Martin		Christine Ann Warren	San Diego
Ziad Yassine	Rancho Santa Margarita	Quezada	Ontario	Kris J. Weber	Irvine
Mazboudi	Margarita	John Reuben		Adam Richard Weister	Beaumont
Martha Lee McCardy	Vallejo	Rainwater	Cloverdale		
		Samuel M. Randolph	Merced		

California CPESC	City
Mark S. White	Auburn
John R. Williams	Lincoln
Mark Edward Williams	San Diego
George Wingate	Susanville
Pun Lok R. Wong	Mountain View
Eric R. Woodhouse	Valencia
Archie C. Wright	Sacramento
David W. Yam	Piedmont
Bryan C. Yates	Rocklin
Steven J. Zombsch	Aromas
Nevada CPESC	City
Sheila B. Anderson	Carson City
Brian Walter Boyd *	Reno
Michael Anthony Brighi	Las Vegas
Garret T. Burleson	Fernley
Lori A. Carpenter	Reno
Claudia J. Chambers	Reno
Marvin E. Davis	Reno
Gail Durham	Minden
Christopher A. Ennes	Dayton
Julie Etra	Reno
Helen S. Godfrey	Reno
R. Mark Hoefler	Zephyr Cove
Deborah Davis Jenkins	Reno
Jeff Jesch	Reno
Thomas Lynn Kelley	Henderson
Kym Y. Kelley	Reno
Debra Lemke	Reno
George D. Mahe	Carson City
John L. McLain	Carson City
Molly M. Reeves	Reno
Hannah Marie Visser	Reno
R. H. Wolfe	Wellington
Kimberlee Lynn Zonge	Carson City

CPESC's are required to accumulate a minimum of sixty (60) professional development units (PDUs) over a three-year period.

CPESC-IT's are required to accumulate a minimum of ten (10) professional development units per year.

Units must be earned in at least two of the four categories:

1. Continuing Education and training;
2. Professional publications, reports, or presentations;
3. Professional activity;
4. Other professional activity.

CHAPTER SCHOLARSHIP OFFERED: JANUARY 31, 2008 DEADLINE

College students need to submit their application postmarked by January 31, 2008 for the \$1,000 scholarship offered by our Chapter.

The California-Nevada Chapter, Soil and Water Conservation Society, offers an annual scholarship to encourage undergraduate students interested in soil and water conservation, to obtain technical expertise, and to pursue careers in soil and water resources.

Eligibility: Applicants must (1) have successfully completed two years of study at an accredited college, (2) be enrolled in an undergraduate curriculum related to soil and water resources, and (3) have a cumulative grade point average of 2.5 or better on a 4.0 scale.

Evaluation: Applicants will be ranked with 50% of the evaluation based on scholarship, 25% based on activities related to the area of soil and water conservation, and 25% on demonstrated need. The Chairman of the Scholarship Committee will submit the applications to the committee members and, upon consensus, will forward the recommendations to the Chapter Executive Council for final evaluation and make the selection of the awardees.

How to Apply: Visit our website

www.caswcs.org

for application materials and contact address. Submit completed application with supporting materials postmarked by January 31, 2008.

Upcoming Events:

C N G A A N N U A L CONFERENCE

The California Native Grasslands Association (CNGA) will hold its next Annual Conference in Santa Rosa at the Glaser Center on May 1 to 3, 2008. The theme is "Conserving California's Grasslands: Policies and Practices". The program includes tuition-based Workshops on May 1, Technical Sessions and Banquet on May 2, and Workshops and Field Trips on May 3.

CNGA is seeking oral presentations (20-40 min.) and posters that reflect and support the conference theme. Submission deadline: Jan. 15, 2008.

Please go to <http://www.cnga.org/> for more information.

CA-NV CHAPTER SWCS ANNUAL CONFERENCE

The California-Nevada Chapter SWCS Annual Conference will be held May 5-7 2008 at The Pines Resort and Conference Center at Bass Lake (near Oakhurst in Madera County). The conference theme will be Overcoming Barriers to Working Lands Stewardship.

The conference will explore successful private land stewardship initiatives occurring around the state with a focus on wildlife conservation, water quality enhancement and climate change. Speakers will share the keys to success for these projects and the institutional obstacles that had to be overcome to achieve success. Speakers will offer their recommendations for changes in policies and programs that state leaders can make expand private working lands stewardship throughout the State.

CALIFORNIA CHAPTER SWCS
430 "G" STREET #4172
DAVIS, CA 95616-4172



Inside RunOff...

President's Message	1
Soil Erosion and Global Warming	2
New Runoff Model	3-4
Be a Leader!	4
Current CPESC List	5-7
Scholarship Offered	7
Upcoming Conferences Announced	2, 7

FIRST CLASS

CALIFORNIA CHAPTER NEWSLETTER

FALL 2007

RunOff is the official California Chapter SWCS newsletter.

Publisher:

Walt Bunter- wbunter@pacbell.net

Editor:

Wendy Rash- wendy.rash@ca.usda.gov

Please submit articles via email to the Editor. RunOff reserves the right to edit all submissions.

Executive Council:

David Rose, President
Mark Steffek, Past-President
Lisa Hokholt, President-Elect
Walt Bunter, Treasurer
Pat Grover, Secretary
Ladi Asgill, Director
Kenneth Trott, Director
Andrea Casey, Director
Stephen Perkins, Director
Tina Vander Hoek, Director
Bruce Williams, Director

2008 Scholarship Opportunity!

See Page 7 for details or go to:

www.caswcs.org

.....
***Submit articles and photos for
the next issue of RunOff by***

February 15, 2008