



# Western Society of Weed Science Newsletter

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Registration Deadline for Hotel is February 7, 2011; Registration Deadline for Meeting is February 14, 2011 Winter 2011

## In This Issue

Report from the President  
Student Liaison Report  
2011 NAIP Short Course  
EBIMP Field School  
Student paper contest  
judges needed  
2011 Noxious Weed Short  
Course  
2011 WSWS Program  
Position Announcement  
Program Chair Notes

## Sidebar highlights

- Contact us
- WSWS Officers &  
Executive Committee
- Publications
- Calendar of Events
- Society Dates to  
Remember

## Contact us

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## Report from the President by Joe DiTomaso



Happy New Year everyone! Now that we are all settled back into work, it is a good time to remind you that the 2011 Western Society of Weed Science 64<sup>th</sup> Annual Meeting will be held at the Doubletree City Center in Spokane, Washington, March 7-11. Vanelle Peterson has worked diligently to put together a great program, which includes two symposia. She has provided a more detailed review in the Newsletter. Chuck Rice, the local arrangements chair, has worked with the hotel to make sure that things run smoothly. The schedule for this year's meeting is larger than average with lots of posters and student presentations. If you haven't already done so, please pre-register for the meeting as it will save you time and money, and will also help the society to better plan and determine the meeting needs. Pre-registration will be open until February 14<sup>th</sup> and can be completed on-line through the WSWS website ([wswsweedsociety.org](http://wswsweedsociety.org)). Also don't forget to make your reservation to stay at the Doubletree City Center to meet our room block and maximize efficiency during the meeting. Committee chairs should send their reports to their designated Board of Directors contact by March 1. In addition, if you have items that you would like on the agenda, please contact me ([jmditomaso@ucdavis.edu](mailto:jmditomaso@ucdavis.edu)) by March 1. The Board of Directors meeting will be held on Monday, March 7 starting at 8:00 a.m. We have a new Proceedings Editor, Bill McCloskey, and a new process for not only entering abstracts but publishing the proceedings. This should speed up online publication of the proceedings. You are also encouraged to attend the Welcome and Retirees Reception event Monday evening at the hotel. It has been a good year for the society, despite the economic troubles around the country. I greatly appreciate the opportunity to serve as your president and have to say, it wasn't that bad and was actually fun. This is primarily because of the quality of people in our society and serving on our committees and Board of Directors. Oh yeah, and also because Phil Banks, our WSWS Business Manager, is so darn professional and organized. Looking forward to seeing you in Spokane.

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**Legislative**

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## Student Liaison Report by Tanya Skurski

Happy New Year WSWS Students! I would like to highlight several of the student events that will be taking place at the upcoming meeting in Spokane:

**Special Student Events at the Annual Meeting**

**Student Luncheon** (Compliments of BASF Corporation)

**When:** Tuesday March 8, 12:00- 1:00pm

**Where:** Shutter's Café (in the conference hotel)

**Student Reception** (Compliments of Bayer CropScience)

**When:** Tuesday March 8, 5:00- 6:30pm

**Where:** Salon V (in the conference hotel)

**Student Night Out** (free opportunity to go out to dinner with a weed science professional from industry, government, or academia; [sign-up online when you register for the meeting](#))

**When:** Wednesday March 9, flexible time

**Where:** anywhere in Spokane... one suggestion from the locals is the **Steam Plant Grill, 159 S. Lincoln, Spokane, WA 99201 - 509-777-3900**

Also, one more reminder about the **WSWS Student Liaison Opportunity**: The student liaison positions are 2-year terms (1<sup>st</sup> year as Chair Elect and 2<sup>nd</sup> year as Chair) that turn over at the annual meeting each year. **Now is the time for all students to think about serving as a Student Liaison for 2011-2012!** This is a great opportunity to play an active role in the WSWS and foster relationships with other weed science students and professionals. If you are interested in serving as a WSWS Student Liaison, please send Tanya Skurski ([tskurski@gmail.com](mailto:tskurski@gmail.com)) a short bio with your current school program and research interests, and why you would like to serve as a student liaison. We will post candidate bios on the website as they become available and hold in-person elections at the Student Luncheon, which will be at noon on Tuesday March 8th at the Annual Meeting in Spokane.

Finally, if you are in the market for **employment and/or graduate school opportunities**, be sure to check out the link to the WSSA job posting site on the WSWS Student Site:

[http://www.wsweedscience.org/Students/Student\\_Portal.asp](http://www.wsweedscience.org/Students/Student_Portal.asp) (go to Links → Job Placement). There are many new postings, including summer research positions for undergraduates.

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## 2011 North American Invasive Plant Ecology and Management Short Course (NAIPSC)

**UPDATE UPDATE UPDATE UPDATE UPDATE UPDATE UPDATE UPDATE UPDATE**

January 21, 2011. Organizers of the 1st annual North American Invasive Plant Ecology and Management Short Course (NAIPSC) are pleased to announce the receipt of funding from the Nebraska Environmental Trust and the Nebraska Academy of Sciences to help finance graduate student participation. "Providing money to help pay for graduate student registration costs is a significant incentive for those who are interested, but may not be able to pay their own way," said Steve Young, NAIPSC lead organizer. "We need a good mix of participants with broad interest levels at the NAIPSC and these funds help move us in that direction," he added. The NAIPSC is three days of intense instruction and learning on the basics of invasive plant ecology and management and will be held at the University of Nebraska-Lincoln West Central Research & Extension Center in North Platte, NE. The funds, in the form of \$300 scholarships, will be available to the first 10 graduate students who register for the NAIPSC. Graduate students must be enrolled in an accredited university graduate program, which may include ecology, natural resources, environmental policy, geospatial sciences, or other subjects relating to the topics of the NAIPSC. In addition, graduate students must complete a 1-2 credit online project in association with their participation in the NAIPSC. For more information, go to <http://ipscourse.unl.edu>. All interested graduate students are encouraged to contact Dr. Young at 308-696-6712 or [syoung4@unl.edu](mailto:syoung4@unl.edu).

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## 2011 Ecologically-based Invasive Plant Management (EBIPM) Field School by Brenda Smith

Are you ready for a new learning experience, where you will take home the skills to start successfully managing invasive plant species? The Western Society of Weed Science is sponsoring the 2011 Ecologically-based Invasive Plant Management (EBIPM) Field School –



September 13-15 in Park Valley, Utah and we hope to see you there! What makes this course so exciting? Our team of instructors uses field demonstration sites managed on local ranches to develop hands-on learning activities. You will gain the knowledge and experience to begin implementing the EBIPM

decision framework. EBIPM takes you out of the never-ending cycle of treating the symptoms (invasive weeds) and provides the principles and strategies to start repairing the underlying problems that cause invasion. A greater understanding of the ecological underpinnings of invasive species will yield substantial payoffs.

At the EBIPM field school you will:

- Learn in the field about the processes directing plant community change and how to manage these processes to improve land productivity and health.
- Learn and use site-specific criteria to prevent and manage invasive species.
- Understand how plant communities can become more invasion-resistant/resilient and less likely to suffer from further degradation.
- Implement adaptive management.
- Gain experience to tackle your invasive plant challenges with other weed professionals.

With our learn-by-doing format you will leave the school knowing:

- Methods to assess ecological processes in need of repair.
- Ecological principles to formulate management strategies.
- Technique that allows you to adjust strategies and identify best management practices as management progresses.

Cost of the course is \$275.00/ person and will include all meals during the field school. All participants will receive an EBIPM workbook that you can use for developing EBIPM plans for your specific situation. Park Valley, Utah is a small ranching community in Northern Utah that is actively engaged in cooperative weed management using the EBIPM framework. Partial proceeds from registration will benefit the local Parent-Teacher Association who will be providing our meals. The EBIPM Field School will be an adventure – bring your tent or trailer for camping at the local park! Producer/ Rancher scholarships are available. To learn more, download a program or to register visit [www.ebipm.org](http://www.ebipm.org) or contact Brenda Smith at [brenda.smith@ars.usda.gov](mailto:brenda.smith@ars.usda.gov) or 541 573-4084. Don't delay; we look forward to your participation!

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## Student Paper Contest Judges needed

The Student Paper Contest committee needs the help of 12 to 14 WSWS members to evaluate both student oral presentations and posters at the Spokane meeting. In that titles for 17 student papers and 22 student posters have been submitted we will be making two divisions of each category. If you are capable of filling this critical need please contact this years committee chair, Roland Schirman ([schirman@innw.net](mailto:schirman@innw.net)) and express your preferred assignment.

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### Publication

WSWS ONLINE EDUCATION  
<http://www.wsweedsceience.org/contacts/Events/Education/factsheets.asp>

WSWS Journals Website  
Online  
[www.WSSAJournals.org](http://www.WSSAJournals.org)

### Calendar of Events

#### WSSA

51<sup>st</sup> Annual Meeting  
February 7-10 2011  
Hilton Hotel  
Portland, Oregon  
[www.wssa.net](http://www.wssa.net)

#### NAIPSC

The North American Invasive  
Plant Ecology and  
Management Short Course  
June 6 – 8, 2011  
University of Nebraska-  
Lincoln West Central  
Research & Extension Center  
North Platte, NE

## WSWS 2011 Noxious Weed Short Course by Sandra McDonald

The 2011 Noxious Weed Short Course will be held April 18-21, 2011, at the Sylvan Dale Guest Ranch in Loveland, Colorado.

The Western Society of Weed Science Noxious Weed Short Course is an intensive three-day study of current technologies and best management practices associated with the noxious and invasive weeds in the Western United States. It is designed for professionals interested in current advances in noxious weed management.

The WSWS 2011 Noxious Weed Short Course will target local, state, federal government, and other land managers throughout the western region who desire a better understanding of weed management. The Short Course is designed to benefit those new to invasive plant management and experienced professionals seeking a comprehensive update in western invasive weeds and their management.

The short course is limited to 48 participants. Enrollment will be accepted on a first-come, first-serve basis. Participants who are not able to enroll in the current course will be placed on a waiting list and will be given first priority for enrollment in the 2012 Short Course.

The registration fee (\$650.00) provides each attendee the educational program, an electronic version of PowerPoint presentations, course manuals, laboratory sessions and related course materials, other supplies and daily refreshment breaks. Lodging is separate.

To register or for further information please visit [www.wsweedsceience.org/Shortcourse/shortcourse.asp](http://www.wsweedsceience.org/Shortcourse/shortcourse.asp) or contact Sandra McDonald at 970-266-9573 or [sandrakmcdonald@gmail.com](mailto:sandrakmcdonald@gmail.com)

## Western Society of Weed Science 2011 Program

by Vanelle

The upcoming annual meeting in Spokane WA on March 7-10 looks to be an informative one. There are 72 posters and 105 oral papers scheduled including 22 student posters and 18 student papers. There are 3 exciting symposia planned for the meeting. As a part of the regular meeting schedule, Marvin Butler developed an interesting symposium for the Education and Regulatory section on the Use of Technology by Weed Science Educators where speakers will discuss the use of virtual field days, web logs (blogs), videos, and accessing research information on the web. Another symposium organized by Ian Burke and Tim Prather on *Ventenata dubia* (aka African wiregrass), an emerging weed effecting crop agriculture as well as wildlands, is scheduled for Wednesday morning. Plus Shawna Bautista and Tim Harrington organized a symposium on the Ecological Effects of Invasive Plants where speakers will discuss impacts of invasive plants on ecosystems in general and specifically, for example, on songbirds in wildlands and marshes. The Ecological Effects symposium is scheduled for Thursday morning and continues until 3:30 pm. You might want to plan ahead to stay a bit longer and hear the papers on Thursday afternoon; your registration to the annual meeting includes this symposium.

Dr. Vic Baker, University of Arizona, the guest speaker for the general session, will talk about the geology and formation of Eastern Washington and much of the Pacific Northwest from the Ice Age Floods. He was interviewed for a NOVA program on the Ice Age Floods – it is a fascinating story and one you will not want to miss.

The hotel is located adjacent to the Spokane River and has wonderful access to paved paths along the river.

The meeting should be a good time to get together with friends and learn more about the world of weeds. We look forward to seeing you in Spokane.



23<sup>rd</sup> Asian-Pacific Weed  
Science Society Conference  
*Weed Management in a  
Changing World*  
September 25-30, 2011  
At the Sebel Cairnes, North  
Queensland, Australia  
<http://www.apwss2011.com/>

XIIIth International  
Symposium on Biological  
Control of Weeds  
Kohala Coast of the Big  
Island of Hawaii  
[http://uhhconferencecenter.com/xiii\\_isbcw.html](http://uhhconferencecenter.com/xiii_isbcw.html)

**Society Dates to  
Remember**

Abstract Upload  
February 18, 2011

Hotel Pre-Book  
February 7, 2011

Annual Meeting  
March 7-10, 2011

**Register for your  
hotel room online**

**Group  
WSW**

**Check-in**  
Earliest 3/05/2011  
Latest: 3/11/2011

**Hotel**  
Doubletree Hotel  
Spokane-City Center  
322 North Spokane  
Falls Court  
Spokane, Washington 99201  
800-222-8733

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## Position Announcements

### **New Mexico State University Assistant Professor Weed Physiology.**

Tenure track, 12 month full time. Applications are invited for Assistant Professor of Weed Physiology in the Department of Entomology, Plant Pathology and Weed Science at New Mexico State University. The position is 75% research and 25% teaching and is responsible for disciplinary and interdisciplinary research in weed physiology; however, the specific research area will be dependent on candidate interests. Research areas may include topics such as the sustainable use of herbicides, mechanisms of herbicide resistance, weed/insect interactions, weed/endophyte interactions, weed/pathogen interactions, secondary plant products, biological control, weed/crop interactions, stress tolerance, impact of climate change on weed invasions and success. Teaching responsibilities include recruitment and supervision of undergraduate and graduate students and, teaching graduate/undergraduate level courses including plant physiology and other courses of interest to the department. The successful candidate will be expected to obtain competitive grant funds, and train graduate students. Additional information including detailed qualifications and application requirements is available at the department's website, <http://eppws.nmsu.edu/>. For complete job description visit: <http://hr.nmsu.edu/employment>. Requisition #2011000905

**Reply to: Dr. Jill Schroeder, Department of Entomology, Plant Pathology & Weed Sciences, NMSU, Box 30003, MSC 3BE, Las Cruces, NM 88003, Telephone (575) 646-2328, Fax: (575) 646-8087, e-mail: [jischroe@nmsu.edu](mailto:jischroe@nmsu.edu). Review of applications will begin 3/15/2011. Applications received after this date may be considered.**

### **Kansas State University Assistant Professor Weed Physiology.**

Tenure-eligible, 12 month. 30% teaching, 70% research. Individual will lead a weed physiology research program encompassing weed problems in crop and rangeland systems emphasizing herbicide mode of action and fate of herbicides in plants and the environment. The individual may work in the area of herbicide resistance including mechanisms and inheritance of resistance in weeds and development of herbicide resistant crops. The successful candidate will contribute to ongoing weed science research that protects the environment and optimizes profitability and agricultural sustainability. A strong research program will include training of graduate students, publication of research results in peer-reviewed scientific journals, and securing extramural funding. Teaching responsibilities include a graduate course in herbicide interactions/physiology, a team-taught graduate course in pest-plant resistance, and a team-taught undergraduate course in integrated weed management. The candidate must be able to work in a multi-cultural setting and create an environment that fosters collegiality, diversity, and teamwork. For more information contact Dr. Anita Dille, at (785) 532-7240 ([dieleman@ksu.edu](mailto:dieleman@ksu.edu)). Additional information about the Department of Agronomy by be found at <http://www.argonomy.k-state.edu/>. Reply to: **Brittany Green, Department of Agronomy, 2004 Throckmorton Plant Sciences Center, Kansas State University, Manhattan, KS 66506-5501, E-mail: [bdgreen@ksu.edu](mailto:bdgreen@ksu.edu). Application Deadline March 1, 2011.**

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## Program Chair Notes by Vanlle Peterson

### PROGRAM NOW AVAILABLE ON-LINE

The program for the 2011 annual meeting WSWS meeting is now available on the WSWS web site ([wsweedscience.org](http://wsweedscience.org)). Thank you to all of the members that submitted posters and papers - there are 177 presenters plus others that are co-authors! It looks like it will be a great meeting for sharing the research results from your hard work

### THANKS!

I would like to extend a special thanks to Marvin Butler (Education and Regulatory chair), Brad Hanson (Research Section chair), and the Project chairs and co-chairs who all have worked hard at preparing their parts of the program. Thank you all - we got the program done on time and submitted to Phil Banks for printing.

### ABSTRACTS

Abstracts are due to be submitted to the Weed Science Society of America web site ([wssaabstracts.com](http://wssaabstracts.com) - where you submitted the titles) by February 18, 2011. Abstracts may be written in the space provided on the web site or they may be cut from another document and pasted into this space. There is limited editing capability in this space, but there is some so if you see an error later you may be able to correct it here rather than correct it elsewhere and replace the whole abstract on the web site. If using common names of weeds please include the scientific name in parenthesis. Note: you do not need to use html tags for anything in the abstract, instead use the buttons on the editor toolbar.

### PLAN AHEAD

Things to remember as you plan for the meeting are that: (1) there is a reception Monday night where we are planning not only to honor those members that are retiring but also to have a Washington Wine tasting event; and (2) there is a symposium, "Ecological Effects of Invasive Plants" that runs through Thursday afternoon - it ends at 3:30 p.m. so you might want to plan to stay a little longer than the normally scheduled meeting. Attendance at this symposium is included in your full meeting registration.

It is not too early to start thinking about topics for symposia that you would like to see on the 2012 program for the meeting in Reno, NV. Please bring them to the meeting and communicate them to either the current program chair and President-Elect (Vanelle Peterson) or another member of the Board of Directors. Planning for those symposia starts in earnest in July.

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## North American Weed Management Association

The North American Weed Management Association (**NAWMA**) was formed in 1993. It is a network of public and private professional weed managers who are involved in implementing any phase of a county, municipal, district, state, provincial or federal noxious weed law.

*For information on how to participate and becoming a member: Visit the webpage at [www.NAWMA.org](http://www.NAWMA.org)*





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