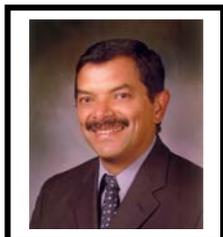




## August 2007 Newsletter

### President's message

We are now in full gear working towards the organization of a first-class Fifth International Weed Science Congress (IWSC). As you have already seen in the Second Circular, we will have an excellent program and a superb venue. The Scientific Committee has prepared the call for abstracts and is now working together with session organizers to make sure we cover the most relevant topics and up to date information on weed science and technology. We are also contacting possible plenary speakers who will present their perspectives on world issues related to science and agriculture. With the support of Weed Science Society of America (WSSA) and Allen Marketing and Management we will open on 15 October 2007 the electronic reception of abstracts and continue advancing all the logistics for our congress. Funding is also a major task when organizing an international event of the magnitude of the IWSC. We are seeking sponsorship from partner regional societies, governmental organizations, international donors, and private industry.



I am delighted to inform you that the European Weed Science Society (EWRS), the WSSA and IWSS have contributed substantially to a special fund to provide financial support to graduate students and young scientists to participate in our congress. The application procedure is already posted in our websites and the appointed Awards Committee, composed by Dr. Per Kudsk (EWRS), who serves as coordinator ([Per.Kudsk@agrsci.dk](mailto:Per.Kudsk@agrsci.dk)), Dale Shaner (WSSA) and Dr. Jonathan Gressel (IWSS Past President) is now prepared to initiate the task of selecting the awardees. Additionally, IWSS will present for the first time the Larry Burrill Graduate Student Travel Award.

Also it is time to start thinking about our 2012 congress. We are opening the bidding process to select our next venue. Two countries have already shown interest in bidding and we hope that more

procedure fully described in a manual that will be made available to those regional or local societies interested in it. Please contact me to provide you will all necessary details. According to our current operating procedures, the societies whose bids meet the criteria will be invited to present their bids orally at the IWSS board meeting preceding a congress, which in this case will be held during the WSSA Annual Meeting in Chicago, USA (4-8 February 2008). The IWSS Executive will present the comparative table to the Board. If there are more than three bids, the board will choose the best three and make a graded recommendation to the General Assembly. The general assembly will vote on a site, which will be a recommendation to the Executive Committee. This recommendation is binding unless the local host committee cannot provide an acceptable contract based on the bid, or unless there are strong extenuating geographical constraints at or near the time of the congress.

I also would like to inform you that we have extended the deadline for receiving nominations for the **Outstanding International Achievement Award** until 30 November 2007 (see call for nominations in the February 2007 Newsletter at <http://iws.ucdavis.edu/feb%2007%20web%20site%20version.pdf>). Please send the nomination and all pertinent documentation to the Chair of the Awards Committee, Dr. Henri Darmency via email at [Henri.Darmency@dijon.inra.fr](mailto:Henri.Darmency@dijon.inra.fr) or by air mail at: UMR 1210, Biologie et Gestion des Adventices, INRA, 17 rue Sully, BP 86510, 21065, Dijon, France or by FAX at 33 380 693262.

Finally, do not forget to timely pay your dues. There is a substantial discount in the registration fees for the IWSC if you are an active IWSS member. Visit our website and use the secure facilities to pay by credit card. Please, also make sure we have your current contact information. We will distribute several communications during the following months in relation to the IWSC and we really want to reach you!

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## 5th International Weed Science Congress

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### 5<sup>th</sup> International Weed Science Congress

You will find an **updated version of the Second Circular** of the 5th International Weed Science Congress to be held in Vancouver 2008 on the IWSS website at <http://iws.ucdavis.edu/>. In this version some minor corrections have been incorporated. We encourage you to share this circular with colleagues and potential Congress participants.

Also posted on the site are the **Call for Abstracts** for the Congress and information about **Graduate Students and Young Scientists Awards**. An abbreviated version of these topics is found in the next section of this newsletter.

We look forward to welcoming you to Vancouver in 2008.

Karl Hurle

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### Call for Abstracts

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#### INVITATION

You are invited to present and discuss your research results at the IWSC. As a general principle all contributions are regarded to be presented as posters. All abstracts will be reviewed by the Main Topic Organizers and selected authors will be asked to make an oral presentation.

#### DEADLINE

Abstract submission will open on 15 October, 2007 and they must be submitted **on or before 15 January 2008**.

#### ABSTRACT CONTENT

The abstract should contain sufficient information to allow delegates to decide which sessions to attend. It must therefore be completely self-explanatory and presented in English, the official language of the Congress. The abstract should not exceed 2700 characters. You will be able to edit your abstract on-line after submission until the submission is finally closed.

#### ABSTRACT SUBMISSION

Authors must specify the Main Topic session as well as a second and third Main Topic session choices where they would like to be placed and will receive an e-mail indicating that their abstract was received and confirming the session where the paper or poster will be presented.

All the necessary information for submission, poster preparation and much more is found at the IWSS and WSSA web sites.

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### Graduate Student and Young Scientist Awards

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The IWSS encourages the participation of graduate students (M.Sc. and Ph.D.) and young scientists (up to five years after completion of a Ph.D.) to attend the IWSC-2008 in Vancouver, by providing a limited number of awards to cover registration fees, accommodations, and part of their travel expenses. The student submitting the most outstanding paper as selected by the Graduate Students Awards Committee will receive the IWSS Larry Burrill Graduate Student Travel Award covering all the expenses to participate in the Congress. These awards have been made possible thanks to the financial contribution of the European Weed Research Society (EWRS), the Weed Science Society of America (WSSA) and IWSS. The Graduate Student Awards Committee will select the awardees according to the criteria found at our web site.

All documentation should be sent via e-mail, no later than December 20, 2007 to the Coordinator of the Graduate Students Awards Committee: Dr. Per Kudsk – University of Aarhus, Department of Integrated Pest Management, Forsogsvej 1, DK 4200 Slagelse, Denmark ([Per.Kudsk@agrsci.dk](mailto:Per.Kudsk@agrsci.dk))

## Outstanding International Achievement Award

Please note that the deadline for receiving nominations for the **Outstanding International Achievement Award** has been extended until 30 November 2007 (details about the nomination procedure can be found in the February 2007 Newsletter at <http://iws.ucdavis.edu/feb%2007%20web%20site%20version.pdf>) or by contacting the Chair of the Award Committee, Dr. Dr. Henri Darmency, as noted above.

### Bidding for the IWSC 2012 Venue

The bidding process to select the venue for our next IWSC-2012 is now open. Interested regional or local societies should contact IWSS President, Bernal Valverde ([bev@life.ku.dk](mailto:bev@life.ku.dk) or [ideatrop@ice.co.cr](mailto:ideatrop@ice.co.cr)) to obtain a copy of the bidding manual. Deadline for submission is 15 December 2007. Bids meeting the established criteria will be presented orally at the next IWSS Board Meeting to be held preceding a congress, which in this case will be held in Chicago, USA (4-8 February 2008) during the WSSA Annual Meeting.

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## Regional Representatives' Reports

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**West and Central Africa**  
Gilbert Gbèhounou

### A recent thesis on weeds in the Republic of Bénin

In October 2006, Dr. Pierre Vinassého Vissoh defended his doctorate thesis on *Participatory weed management technologies in the Republic of Benin*. The study was conducted in the framework of a **research on research** project known as *Convergence of Sciences for better integrated soil and crop management*. The project in which were involved university and research institutions from The Republic of Benin, Ghana and the Netherlands, started from the idea that science is too little used by farmers, and that its contribution to poverty alleviation is sub-optimal. This situation is due to the fact that research leading to

development of innovations is conducted the wrong way as stakeholders, in general, are not part of the innovation development process. The end result is that innovations are developed that are not acceptable to farmers given their constraints. As a remedy, convergence is needed in technology development not only between natural and social scientists, but also between societal stakeholders and scientists.

The thesis focussed on *Striga hermonthica*, *S. gesnerioides* and *Imperata cylindrica* three major troublesome weed species in the Republic of Benin. Dr. Vissoh used a multiple stakeholder approach, discovery learning and joint experimentation, to enable farmers to co-develop and use low-cost technologies that are effective and acceptable to them. The joint learning enabled farmers to better understand the biology of each weed species as a basis for choosing appropriate control measures. Given their small windows of opportunity, farmers can only gradually reclaim land that is infested by speargrass, using an integrated strategy including deep ridging, deep hoe-weeding and shading by legumes. Early planting, sorghum transplanting, crop rotation and intercropping, and trap cropping were partly effective in increasing cereal and cowpea yields and in reducing *S. hermonthica* and *S. gesnerioides*. Dr. Vissoh concluded that improved weed management for small scale farmers can be best achieved through a Farmer Field School to empower them to be self reliant in finding their own solutions.

Please read more from P. V. Vissoh. 2006. *Participatory development of weed management technologies in Benin. Tropical Resource Management Papers, N° 83; ISBN 90-8585-100-9*. This is a thesis from Wageningen University in the Netherlands and the University of Abomey-Calavi in the Republic of Benin. You may contact Dr. Vissoh at [pierrevissoh@yahoo.fr](mailto:pierrevissoh@yahoo.fr).

Gualbert Gbèhounou  
Regional coordinator for West and Central Africa

**Oceania**  
**Anisur Rahman**

***Setaria pumila* (Yellow foxtail) - A new menace in permanent pastures of New Zealand**

Yellow foxtail is an annual C4 grass species which is causing growing concern due to its rapid spread onto dairy pastures on a number of farms in the warmer climatic zones. It is encroaching into the pastures mainly from the roadsides and waste areas. In many situations it could be a relatively good natural grazing species, although leaf production is relatively low. However, it becomes a serious weed in some areas, since it germinates late in the season and goes into head stage fairly quickly. It is proving unpalatable to stock at the seed head stage. Grazing reduces the plant height but does not stop it from seeding. Due to the bristly nature of the seed it is more readily spread.



It establishes easily in run-out or damaged pastures that have been opened up due to pugging, over grazing or death of winter annuals such as flat weeds or *Poa annua*. Once established in a weakened pasture, it is difficult to remove. Herbicidal control options are very limited due to the mixed legume/grass species composition in the New Zealand pasture.

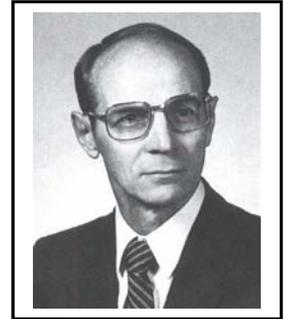
Anisur Rahman

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**IWSS Recognizes Larry Burrill**

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Larry Burrill was one of the prime movers in getting IWSS launched and organized as the meaningful entity it is today with about 750 members. Larry served as our Secretary-Treasurer, a role he served faithfully for many years. Larry Burrill, at the then International Plant Protection Center at Oregon State University, did a great deal of educational work around the world and labored mightily to put weed science in an international context so that it would reach less developed areas. Numerous international students greatly benefited from Larry's understanding of weed control around the world.



The IWSS Board of Directors at its annual meeting in San Antonio during the 2007 WSSA conference decided to award a prize to a selected student to provide funding to fully support his or hers attendance to the 2008 IWSS Congress to be held in Vancouver, Canada. This special IWSS award will be called the LARRY C. BURRILL GRADUATE STUDENT TRAVEL AWARD to honor Larry's memorable contributions to IWSS.

A plaque commemorating this award and recognition was unveiled at the Western Society of Weed Science meetings on March 14, 2007, in Portland, Oregon. Dr. Carol Mallory-Smith on behalf of IWSS presented the plaque to Dr. Arnold A. Appleby who received the award on behalf of Larry, who was unable to attend the ceremony.

Thus IWSS wishes to express its deepest gratitude and recognition for Larry Burrill's outstanding service to the Society, to Weed Science, and to agricultural education world wide.

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## Items of Interest

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### 50 Years with Weeds

Dr. George Friesen

Dr. Friesen had compiled the memoirs of his 50-year career as a weed scientist in Canada in a recently published book. He helped launch the IWSS in the 1970s and served as our president from 1988 to 1990. The book discusses the difficulties of teaching the first Weed Science course ever taught in Canada in 1954 and the challenges of finding funding for this science when Agronomy Departments were still emphasizing plant breeding and soil sciences. He describes other issues and some successes as well! This 178-page book is available from Margeo Publications, 308-270 Fairhaven Rd., Winnipeg, MB, Canada, R3P 0X9. The price is \$25 CN or US dollars and \$30 CN or US dollars overseas (price includes packaging and mailing costs).

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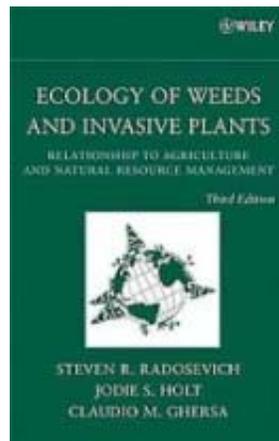
### New Edition of Weed Ecology Book

A newly revised and updated classic reference, **Ecology of Weeds and Invasive Plants:**

**Relationship to Agriculture and Natural Resource Management, 3rd Edition,** by S.R. Radosevich, J.S. Holt, and C.M. Ghera, was released in August 2007 and is now available for purchase from John Wiley (see

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-0471767794.html>).

The new edition gives readers an in-depth understanding of how weeds and invasive plants develop and interact in the environment so they can manage and control them more effectively. The guide includes an introduction to weeds and invasive plants in various environments and an overview of their ecology and evolution.



With extensive examples, it:

- \* Focuses on the biological features of weeds and invasive plants, especially as they exist in agriculture, forests, rangelands, and natural ecosystems

- \* Includes coverage of exotic invasive plants

- \* Discusses a variety of methods and tools for managing weeds and invasive plants, including physical, cultural, biological, and chemical approaches

- \* Examines systems approaches for management, including modern Integrated Pest Management

- \* Addresses future challenges for scientists, farmers, and land managers

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### Are we lagging behind other disciplines?

The European Research Council (ERC) recently launched the IDEAS Work Programme with a call for proposals for their ERC Starting Independent Researcher Grants. This highly competitive grant program has the objective of providing support to the independent careers of excellent researchers (Principal Investigators), whatever their age and nationality (residing in any country in the world at the time of the application), located in or moving to the EU and associated countries, who are at the stage of establishing and leading their first independent research team or program. Later this year, they will also call for proposals for their ERC Advanced Investigator Grants. ERC Starting Independent Researcher Grants funding ranges between EUR 100,000 and EUR 400,000 per year for a period of up to 5 years. It covers all fields of research with particular emphasis on the frontier of science and scholarship. It also encourages proposals of an interdisciplinary nature, proposals in new and emerging fields and "high-risk, high-gain" proposals. Excellence is the sole criterion of evaluation of proposals by qualified international referees. Unfortunately, there wasn't a single weed science proposal submitted among the many submitted in plant protection. Why did entomologists and plant pathologists submit, but not weed scientists. Are weeds no longer a problem? Are we losing creativity? Don't we feel that weed science is a leading edge discipline that can contribute to the advance of science and knowledge? Keep an eye for the next call for proposals!

## Coming Events

### 2007

- Sept. 17-21 **9th International Conference on the Ecology and Management of Alien Plant Invasions.** Broad topics to be covered include alien flora; ecological impacts of invasive plants; biology and genetic studies; reduction and detection of invasions; legislation and international cooperation; and management solutions. Hyatt Regency Perth, Western Australia. Further information at: <http://www.congresswest.com.au/emapi9/>
- Oct. 2-7 **21st Asian Pacific Weed Science Conference**, Colombo, Sri Lanka. The conference celebrates the 40th anniversary in 2007. The biennial conference will be hosted by the Plant Protection Association of Sri Lanka (PPSL) in collaboration with the National Plant Protection Committee of the Council for Agricultural Research Policy (CARP) of the Government of Sri Lanka, and University of Peradeniya, Sri Lanka. Abstract deadline: 15 Dec. 2006. Complete information at: <http://www.apwss21.lk/>
- Oct. 7-12 **Novel and Sustainable Weed Management in Arid and Semi-Arid Agro-Ecosystems.** Conference organized by the newly formed EWRS working group: "Weed Management in Arid and Semi-Arid Climate." The event will occur at the Hebrew University of Jerusalem, Rehovot. Additional information at: <http://www.agri.huji.ac.il/aridconference/>
- Oct. 15-18 **XVI International Plant Protection Congress**, in association with the BCPC International Congress - Crop Science & Technology 2007. SECC, Glasgow, Scotland. Email: [md@bcpc.org](mailto:md@bcpc.org). Web site: <http://www.plantprotection.org/>
- Nov. 14-16 **XXVIII Annual Congress Mexican Association of Weed Science (ASOMECIMA)**. Mazatlán, Sinaloa, A pre-congress course will be offered on Nov. 12-13. Deadline for abstract submission is October 10.
- Dec. 11-12 **20th International COLUMA International Conference on Weed Control.** The Association Francaise de Protection des Plantes is organizing this event to be held in Dijon (Burgundy, France) Full information at: <http://www.afpp.net/calendrier.htm>

### 2008

- May 5-8 **XVIII Congress Latin America Weed Science Society (ALAM) and the XXVI Congress of the Brazilian Weed Science Society** (join meeting). Ouro Preto, MG, Brasil; 2nd circular at: [http://www.sbcpcd.org/2%C2%AA%20Circular%20XXVI%20BCPD\\_%20XVIII%20ALAM.pdf](http://www.sbcpcd.org/2%C2%AA%20Circular%20XXVI%20BCPD_%20XVIII%20ALAM.pdf). For more information, email: [26bcpcd@cnpmembrapa.br](mailto:26bcpcd@cnpmembrapa.br)
- May 18-22 **16th Australian Weeds Conference.** "Weed Management 2008: Hot Topics in the Tropics" **Cairns Convention Centre, Queensland.** 16th Australian Weeds Conference Secretariat: PO Box 5718, WEST END QLD 4101, Phone: 07 3846 5858. For all program queries contact [16awc@eventcorp.com.au](mailto:16awc@eventcorp.com.au) Web site: [www.16awc.com.au/](http://www.16awc.com.au/)
- June 23-27 **International Weed Science Congress** Vancouver, Canada.

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The IWSS Newsletter is available on the  
Internet at: <http://iws.ucdavis.edu>.

The **IWSS Newsletter** is published in  
February and August to foster  
communication among and give  
information to our members and others  
around the globe interested in Weed  
Science.

Thanks to these contributors to the Aug.  
2007 issue: Bernal Valverde, Karl Hurle,  
Gilbert Gbèhounou, Albert Fischer, Anis  
Rahman, Jerry Doll.

**Deadline for items for the next  
Newsletter is 15 January 2008**

Editor: Jerry Doll, Univ. of Wisconsin,  
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## To join the IWSS

Complete the following information and send your dues to  
Dr. Albert Fischer, the IWSS Secretary-Treasurer.

Name: \_\_\_\_\_  
Affiliation: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_  
Zip/Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_  
Email: \_\_\_\_\_

Checks, bank drafts, or money orders in US\$ should be made  
payable to: International Weed Science Society.

For ease of payment, dues can now be paid by credit card at  
our webpage following the link:  
<http://iws.ucdavis.edu/membership.htm>