



MESSAGE FROM THE EDITOR

Dear Colleagues

I am pleased to bring out the first Newsletter of the Asian-Pacific Weed Science Society (APWSS) for the Year 2018 in this month of March.

We thank our previous Editor Dr. Bhagirath Chauhan for the effort he put over two years to highlight APWSS activities, particularly research, through the Newsletter.

Prior to the 50th Anniversary Conference at Kyoto, Japan, in September 2017, Bhagirath indicated that he would like to be released from the responsibilities, so that he could concentrate on other aspects of life. The Ex-Co requested me to take over as part of becoming the Editor of the Society, under the new Constitution. I have also taken the responsibility of 'Managing Editor' to establish a new Journal for the Society.

I have no doubt that these efforts cannot be brought to fruition without some strong participation from Members, both junior and senior. The Ex-Co agrees that the only way to increase Member participation is to make activities and outputs of the Society relevant to the members. To this end, we undertook a revision of the APWSS Constitution – a task, which was given to me at the Hyderabad 25th APWSS Conference in 2015.

We now have a new Constitution, which was adopted by the Ex-Co in 2017. I recommended the new Constitution to be an 'interim' one at the Annual General Meeting at Kyoto, which was accepted. This allows time for members to carefully read the Constitution and consider different aspects. I am hopeful that the Constitution will be ratified in 2019, with or without any changes.

Needless to say, I have been busy exploring the most effective platform for an 'on-line Journal for the Society. After some deliberations, we have settled on calling our Journal '**WEEDS**' with a by-line to qualify ownership (i.e. *Journal of the Asian Pacific Weed Science Society*).



Anyone requiring information regarding policies, etc. may contact me; I am in the process of developing these. I also have concurrence from a strong group of Weed Scientists to be in the Editorial Board of the new Journal. The need for the Journal has been felt for several years, particularly because the cost of publishing in the existing lead journals of Weed Science is considered unaffordable to Weed Scientists of most emerging economies and developing countries. For instance, the cost of publishing in the Weed Science Society of America (WSSA) journal **Weed Science** is about \$ 3500 per article and another \$ 2000 for open access.

On the behalf of APWSS, I am thankful to the contributors from different countries for their active involvement in this Newsletter. My sincere thanks also go to Dr. A. N. Rao for continuing in the role of General Secretary for another term.

Contributions to future Newsletters are welcome from anyone, particularly, our own APWSS members. Over the past several years, the Ex-Co has repeatedly requested Country Representatives to send Country Reports and any other relevant information that we can share among the membership. I will repeat the request again.

Dr. Nimal Chandrasena

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MESSAGE FROM THE PRESIDENT

Dear APWSS Members

It is a special honour and a privilege to begin my term as President of the APWSS. Our past president, Dr. Hiroshi Matsumoto, Dr. A. N. Rao, Dr. Nimal Chandrasena and other office bearers deserve gratitude from all of us for successfully organizing the 26th APWSS 'Golden Jubilee' Conference at Kyoto, Japan during 19- 22 September 2017.



I am also thankful to the APWSS Ex-Co for guiding the society so ably and for making we feel that we really are a part of a very worthy Society. Together we will continue building APWSS on the foundation of the past to meet the challenges of the future.

I am also so pleased that the APWSS Newsletter is continuing to be produced, now under Dr. Nimal as the Editor. Moreover, a new initiative for an 'on-line' APWSS Weed Journal is also being progressed by Dr. Nimal. When the new Journal is launched, hopefully, in 2018, it will surely lift our Society's profile further, both globally, and in the region. The Journal's primary purpose is to allow our researchers to publish papers without incurring huge and unaffordable journal publishing costs.

As the host for 'The 27th APWSS Conference, representing Malaysia, I am delighted to welcome all of you to Kuching, Sarawak, during 3-6 September 2019. Our country committee is now preparing the final version of the Conference announcement, which will be released in early April 2018.

The 27th APWSS Conference will be under the theme "**Weed Science for Sustainable Agriculture and Environment**". We hope that the Conference will focus on the developments in the Science of Weed Management and the challenges faced by researchers, practitioners, farmers and the public, related to weed management.

We have chosen fifteen sub-themes and topics to cover various aspects of Weed Management, covering fundamental fields, such as biology, physiology and ecology of weeds to cutting edge technology, such as precision and advanced weed control technologies. We strongly believe that this upcoming Conference will give an excellent opportunities to all the Weed Scientists, experts and academics to meet and deliberate on how Weed Science can contribute to sustainable agriculture and protection of natural resources and our environment.

To add more spice to the Conference, a special committee has also been set up to manage a book entitled "**Invasive Alien Weed Species in the Asia Pacific Region**" which will provide us with the information of newly introduced invasive weeds in different countries of Asia Pacific Region.

The host city, Kuching, is the biggest Malaysian city on the Island of Borneo and is also the capital city of the State of Sarawak. Kuching's city centre is well preserved and very compact; virtually everything

that is worth seeing can be reached on foot or by local boats, called sampans.

Kuching is famous for the narrow, bustling streets, crammed with shops, selling all kinds of goods, from the mundane to the exotic. There are ornate Chinese temples, many fine examples of colonial-style architecture, a beautiful waterfront and a number of interesting museums, including the historic Sarawak Museum. For nature lovers, the Semenggoh Orang Utan Rehabilitation Centre and Bako National Park are places you must not miss.

I once again, welcome all of you readers to the 27th APWSS Conference in Kuching in 2019. We promise you an unforgettable Conference programme, hospitality and other sweet memories during your stay in Kuching. With the assistance from the APWSS Ex-Co, we look forward to building an exciting and rewarding programme for all of you! If anyone needs more details, please contact me directly.

Thank you.

Dr. Abdul Shukor Juraimi

Chairman of the 27th Asian-Pacific Weed Science Society Conference (APWSS 2019)
President, Asian-Pacific Weed Science Society:

ashukorjuraimi@gmail.com

MESSAGE FROM THE GENERAL SECRETARY

Dear Colleagues

I am glad that Dr. Nimal, Chief Editor of the APWSS has systematized the APWSS News Letter and intends to include a column for a report of the General Secretary, as an item.



For the past 5-6 years we have both been involved in an effort to make APWSS matter for members in the sense of increasing participation in the Society's activities and reaping benefits from it.

As I stated in the last Newsletter, the proceedings of most of the previous APWSS Conferences are now available for downloading from the Society Website:

<http://apwss.org/index.htm>

In my first report of this newly formatted APWSS News Letter, I shall focus mainly on the 26th APWSS Conference, which was held during September 19-22, 2017 at Kyoto, Japan.

The 50th Anniversary, 26th APWSS Conference attracted 458 participants, from 25 countries (Photo: 1). There were 78 students and 17 accompanying persons. The participants from the host country Japan were 154; and overseas participants were 304. The breakdown of country wise participation was as follows:

Japan (154), China (56), Korea (31), India (30); Australia (19), Malaysia (15), Thailand (12), Indonesia (9), Pakistan (9), Sri Lanka (9), Taiwan (9), USA (8), Philippines (6), Singapore (6), Ghana (5) and South Africa (5).

Altogether, there were 326 presentations (One keynote lecture; and 13 plenary lectures; 145 other oral presentations; and 167 posters).

Key note presentation:

The keynote presentation was delivered by Dr. Steven O. Duke on "Integrated Weed Management (IWM) of the Future". Dr. Duke emphasized the need for widespread implementation of IWM and made the following predictions

- 1) In the near future, the robotic weeding, both mechanically and with herbicides, will become more widespread;
- 2) Biotechnology may make sprayable RNAi, gene-edited herbicide-resistant crops, microbial biocontrol, and allelopathic crops major weed management tools in the future;
- 3) Utilization of negative cross resistance to herbicides may play a role in making future use of some herbicides more durable.

Books released:

As a part of the Conference, the Society celebrated its 50th Anniversary Golden Jubilee. Two books were released to mark the occasion:

- **50th Anniversary Celebratory Volume - APWSS** edited by Dr. Nimal Chandrasena and Dr. A.N. Rao; and
- **"Weed Management in Rice in the Asian-Pacific Region"** edited by Dr. A.N. Rao and Dr. H. Matsumoto were released on this occasion.

At the Celebratory Session, Dr. Nimal made a presentation on the Celebratory Volume, and released the Book, while I made a presentation on the Rice Weed Management book, prior to releasing it (see Photo overleaf).

- The Celebratory Volume was issued free of charge to all members. The book can be downloaded from the APWSS Website.
- The Rice Weed Management book was sold for US \$ 25 at the Conference. This book is now available by mail order through the Website, and is costed at US \$ 30 plus \$ 10 for postage. Those interested in the book are encouraged to purchase it now as we are fast running out of the first print copies.

Golden Jubilee Memorial Lectures:

Four Golden Jubilee Memorial Lectures were delivered as part of the Celebratory Session on the second day of the Conference. These were"

- Dr. Aurora M. Baltazar [Commemorating 50 years of the APWSS (1967-2017)];
- Dr. Hirohiko Morita (Temperature and soil moisture as principal factors on emergence and growth of weeds in rice production in Asian-Pacific Region);
- Dr. Steve Adkins (Weed science in the Asian-Pacific Region: Present status and experiences);
- Dr. Nilda Burgos (Technological advances for weed management).

Plenary Lectures:

The following Plenary lectures were delivered:

- Dr. K. Hamamura (Development of herbicides for paddy rice in Japan);
- Dr. Deepak Kaundun (Evolution, mechanism and sustainable control of herbicide resistance in weeds);
- Dr. D. S. Kim (Genetic diversity of Echinochloa species in taxonomic and ecological aspects); and
- Dr. Y. Fujii (Research on allelopathy for weed science in Asian-Pacific Region).

A Special Guest Lecture was delivered by Dr. Robert L. Zimdahl from USA (Ethics, agriculture, and the environment).



Photo: Launch of “Weed Management in Rice in the Asian-Pacific Region” Book at the Kyoto Conference.

Oral Papers:

Concurrent oral sessions were held on a variety of topics, and included the following:

Aquatic weeds; Invasive Alien Species; Parasitic Weeds, Weed Biology and Ecology, Utilization of Weeds; Weedy rice; Herbicide Tolerant Crops; Biological Control; Non-Chemical Control methods of weed control; Allelopathy; Weed Management (Sustainable System); Weed Management (Integrated Weed Management); Weed Problem, Constraint, and Opportunity in different countries [in which I have presented our paper]; Herbicide Resistance (Status); Herbicide Resistance (Management); Herbicide Resistance (Target-Site Resistance); Herbicides; Herbicide Usage.

Posters:

A large number of posters were presented in different halls, at different times. Topics covered included: New Herbicides; Herbicide Usage; Herbicide Resistance (Status); Herbicide Resistance (Management); Herbicide Resistance (Target-Site Resistance); Herbicide Resistance (Non-Target-Site Resistance); Biological Control; Invasive Alien

Species; Parasitic Weeds; Herbicide Tolerant Crops; Weedy Rice; Weed Problems, Constraints, and Opportunities in different countries; Non-Chemical Control; Allelopathy; Weed Management (Sustainable System); Weed Management (Integrated Weed Management); Weed Biology and Ecology; Utilization of Weeds and Uses as Bio-Resources and New Technology.

Best Oral and poster paper awards:

Best Oral:

- (1) Muhamad Shakirin Mispan (University Malaya, Malaysia) for his paper entitled: “An Ecological Genetics Study on Seed Overwintering in Weedy Rice”; and
- (2) Shilpa D. Haralahalli (University of Agricultural Sciences, Dharwad, India), for her paper entitled: “Studies on the efficacy of pre-emergence and post-emergence herbicides on control of weeds in groundnut and soybean and their residual toxicity on succeeding crops”.

Best Poster:

- (1) Can Zhao (Nanjing Agricultural University, China), for his paper entitled: "Ethylene and ABA mediated rapid grain filling of weedy rice to promote early maturity"; and
- (2) Satoshi Wagatsuma (Kyoto University, Japan), for his paper entitled: "Comparisons of morphological and genetic variations between native and alien *Artemisia indica* populations used for revegetation in Japan".

IWSS Travel Grant Awards

The IWSS Travel grant winners were:

- Ms. Norazua binti Zakaria, Universiti Putra Malaysia, Malaysia;
- Mr. Faisal Islam, Zhejiang University, China;
- Ms. Amarpreet Kaur, Panjab University, India

APWSS Life time achievement awards and APWSS Special recognition awards

At the Conference the following awards were given:

Life time achievement Awards:

- Dr. Santiago Obien (Philippines);
- Dr. Keith Moody (Australia/Philippines /USA);
- Dr. Kozo Ishizuka (Japan).

Special Recognition Awards:

- Dr. Nimal Chandrasena (Sri Lanka/Australia);
- Dr. Ze-Pu Zhang (China); and
- Dr. Steve Adkins (Australia).

GENERAL MEETING

The General body meeting was held at the end of the Conference. The decisions taken by the Ex-Co were approved by the General body.

The APWSS flag was handed over by the outgoing President Dr. Hiroshi Matsumoto to the new President Dr. Abdul Shukor Juraimi (Malaysia).

APWSS NEW CONSTITUTION

As indicated by the Editor, we now have a new Constitution, which was adopted by the Ex-Co in 2017. It is currently in an 'interim' phase, for ratification in 2019.

I encourage Members to provide any feedback you may have.

NEW APWSS EX-COMMITTEE:

The new APWSS Ex-Co are:

| | |
|-------------------------------------|--------------------------|
| President | Dr. Abdul Shukor Juraimi |
| Vice President | Dr. Chanya Maneechote |
| General Secretary | Dr. A. N. Rao |
| Editor-in-Chief | Dr. Nimal Chandrasena |
| Treasurer | Dr. Michael Renton |
| Past President | Dr. Hiroshi Matsumoto |
| Chairperson Senior Advisory Council | Dr. Steve Adkins |

Details of Country Representatives, who form the Ex-Co are available on our Society Website. These will soon be updated as some representatives have changed with time.

If any Member needs more information about the Society and its activities, please feel free to directly contact me.

Thank You.

Dr. Adusumilli Narayana Rao (A. N. Rao)

Consultant, ICRISAT Development Center (IDC) & International Rice Research Institute (IRRI), ICRISAT, Patancheru, Hyderabad- 502324, India, email: anraojaya1@gmail.com

APWSS 'YOUNG WEED SCIENTISTS FORUM'

Dr. Khawar Jabran

During the 26th APWSS Conference in Kyoto, Dr. Nimal Chandrasena came up with the idea to establish a 'Young Weed Scientist Forum' under the auspices of the Society.

As he explained, the purpose was to give a special 'voice' to the young Weed Scientists of the region and create opportunities for grooming, training and expressing themselves. It was also a part of succession planning for the Society's future.





The APWSS Executive Committee Meeting in Kyoto, Japan (Photo from Dr. A. N Rao)



The new APWSS Executive Committee in Kyoto, Japan (Photo from Dr. Chanya Maneechote)

The suggestion was accepted by the APWSS Ex-Co, and endorsed by the APWSS General Body. It is now written into the 'interim' APWSS Constitution.

I am privileged to have been asked by Dr. Nimal to be the Forum's First Chairperson, and I accepted this honour at Kyoto. We are now in a phase of recruiting Young Weed Scientists to be part of this new effort and in formulating the Forum and its intended activities. We will benefit greatly from the guidance of the senior members in the Society.

Background

It is acknowledged that generally weeds are more injurious to crop health than insect pests, disease pathogens and other pests. Moreover, weed management is becoming a complex business owing to evolution of herbicide resistance in weed biotypes, climatic changes and the modifications in cropping systems. Weed Science, as a discipline, suffers because there are usually lesser numbers of experts globally compared with other disciplines, such as Plant Pathology or Entomology.

Generally in the world, and particularly in the Asia-Pacific, it is agronomists who keep an eye on weeds, while their major focus is on overall crop management. As explained in the leading article of the newly published APWSS 50th Anniversary Celebratory Volume, even historically, a prime motivation for establishing the Society was the dearth of Weed Scientists and trained people in the region who can deal with weeds. As discussed recently, the numbers of Weed Scientists in the region is still low, and the opportunities available for the training and grooming of the young Weed Scientists is considered inadequate.

Way Forward

The following are a brief summary of the objectives and an anticipated future program of 'Young Weed Scientists Forum' is given in following.

Objectives

- Provide APWSS's Young Weed-Scientists with a forum where they can easily communicate with each other, co-ordinate any activities, exchange information, and learn about future opportunities.
- Arrange special Training Programs for the Young Weed Scientists with the purpose to empower their scientific thinking and approach.

- Increase linkages among young and senior Weed Scientists and facilitate young Weed-Scientists obtaining any assistance from the seniors to strengthen their thesis writing skills, research proposals, or improvement in their research manuscripts.
- Arrange activities, such as on-line lectures, and special sessions at future APWSS Conferences.

Future program

A number of activities are being planned that are in accordance with the objectives of Young Weed Scientists Forum of APWSS. An important aspect is to have an on-line-space for the Young Weed Scientists Forum on the website of APWSS.

I am of the view that the Young Weed Scientists will be able to use this space for their coordination, exchange of information and other scientific activities. The same on-line-space will be used to convey messages to the Young Weed Scientists, such as those related to various scholarships/post-doctoral opportunities, jobs, etc.

Meanwhile, we are working to develop a linkage mechanism where Young Weed Scientist will be able to benefit from the seniors for their input in the scientific manuscripts.

Following a suggestion from Dr. Nimal, we will be requesting the future APWSS conference organizers to allocate a special time for hosting the APWSS Young Scientist Forum within the Conference programme. In this regard, to initiate this new approach, we are planning to request the Malaysian Conference Organizers of the 27th APWSS Conference to dedicate a full Plenary Session for the Young Weed-Scientists. This will allow some of the upcoming Young Scientists to demonstrate their research to the full audience of the Conference. Presentations are likely to be selected by a panel, based on merit and country representations.

If any Member needs more information about this initiative and wants to join the Group and its activities, please feel free to directly contact me.

Thank You.

Dr. Khawar Jabran

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APWSS SENIOR ADVISORY COUNCIL

(Editor's Note)

Members are aware that during the 50th Anniversary 26th APWSS Conference in Kyoto, we proposed a new Constitution. Moving forward, we believe that the Society's Ex-Co needs the support of a Senior Advisory Council, primarily to retain Organizational traditions, memory and continuity and undertake specific strategic actions to promote the Society's vision and goals. The Senior Advisory Council is comprised of five senior APWSS Members who have been individually, active members for more than 25 years continuous.

The Ex-Co proposed Dr. Steve Adkins to be the Chair of the First Council. The other **four** members of the Council are:

- Dr. Aurora Baltazar, Philippines
- Dr. Anis Rahman, New Zealand
- Dr. Bak Bin Bakar, Malaysia
- Dr. Prasanta Bhowmik, USA

The primary functions of the Senior Advisory Council are to:

- 4) Act as the overall custodian of organizational memory, and provide leadership in maintaining traditions and continuity. This would include providing guidance and advice to the Ex-Co on all matters related to the Society.
- 5) Participate, and/or undertake, by mutual agreement, in any activity that supports the objectives of the Society.
- 6) Provide leadership and drive forward agreed strategic actions that will consolidate APWSS's global position. This would include international liaison and engagement with other Societies on any matter related to Weed Science.
- 7) Undertake and lead any strategic action aimed at promoting the achievement of the Society's goals and objectives across the Asian-Pacific region and other regions. This would include assisting other countries, particularly affiliated societies in promoting effective weed management through training courses, workshops, special symposia, or by the production of publications and undertaking special commissions.
- 8) Regularly receive and evaluate information on APWSS activities from the Ex-Co and provide feedback for any improvements if required.
- 9) Undertake tasks assigned by the Ex-Co, particularly with respect of identifying individuals whose services are to be recognized (i.e. Special Recognition Awards; Life-time Achievement awards).
- 10) Participate at the biennial Executive Committee meetings or any other meetings, as deemed necessary to support the achievement of Societal objectives and goals.

The five members of the Senior Advisory Council shall have full voting rights on any matter for which a majority consensus is sought by the Ex-Co.

Please note that Dr. Steve Adkins will provide a fuller update on the plans of the Senior Advisory Council and how they see their role in the next Newsletter.

NEWS ABOUT WEED SCIENCE SOCIETY OF THE REPUBLIC OF CHINA

The Weed Science Society of the Republic of China (WSSROC, Taiwan) sends the following information for distribution among APWSS Members.



Dr. Wendar Huang

WSSROC has recently elected its new President and renewed its Team for two years:

- President: Dr. Wendar HUANG, (wendar@ntu.edu.tw); Associate Professor, Dept. of Agronomy, National Taiwan University.
- Secretary General: Dr. Zhi-Wei YANG (zwyang@tydais.gov.tw); Associate Researcher, Taoyuan District Agricultural Research and Extension Station, Council of Agriculture of Republic of China.
- Deputy Secretary General (Academic): Dr. Wen-Po CHUANG (wenpo@ntu.edu.tw); Assistant Professor, Department of Agronomy, National Taiwan University.
- Deputy Secretary General (Industry): Shang-Yan TSAI Executive Assistant to General Manager, Well Ching International Co., Ltd.

- Deputy Secretary General (Industry): Hung-Ming CHEN; *Senior Executive Vice President, Taichung Taiping Golf Club.*

Anyone requiring additional details should contact the President or Secretary General.

WSSROC organizes regular activities and events. Below is a summary of recent activities:

- Every December, the WSSROC holds its annual meeting since its foundation in 1980 and the topic varies every year. Recently, we have discussed on "Multiple applications of weeds" (2015), "Weeds in organic farming and crop security management" (2016).
- The 2017 annual meeting was held on 13th Dec at the National Chung Hsing University, Taichung, Taiwan. Three keynote presentations were: "Weed management in the era of climate change", "Crop-insect interaction under climate change", and "60 years pesticide in Taiwan".
- Since 1980, the WSSROC publishes research articles and reviews twice a year in the Weed Science Bulletin (in Chinese). The present volume (the 38th), as well as all the archived volumes can be accessed through:
<http://www.airtilibrary.com/Publication/alPublicationJournal?PublicationID=02538946>
- Sep 14-17, 2017: the WSSROC co-organized with the Plant Protection Society of Republic of China the "2017 Cross-strait conference on Plant Protection". Weed scientists from mainland China and Taiwan gathered together to share about the research and development on plant protection tools under climate change.
- Sep 3, 2015: the WSSROC organized the "Weed Science Workshop" to provide weed science training to researchers in agriculture.

WSSROC looks forward to actively engage in the Asian-Pacific Weed Science community, as well as the international Weed Science community!

15TH INTERNATIONAL SYMPOSIUM ON AQUATIC PLANTS

The 15th International Symposium on Aquatic Plants was recently held in Queenstown, New Zealand, from 18–23 Feb 2018. The conference promoted debate on all issues relating to the science and

management of aquatic vegetation, and included a wide scientific programme. It is the first time this meeting has been held outside of Europe, reflecting the rising interest in aquatic vegetation globally.

Those requiring additional information could contact authors via:

<http://www.aquaticplants2018.co.nz/>

5TH INTERNATIONAL RICE CONGRESS (IRC2018) AND TRAVEL GRANT SUPPORT FOR YOUNG SCIENTISTS

(by Dr. A.N. Rao, anraojaya1@gmail.com)

5th International Rice Congress (IRC2018) is to be held in Marina Bay Sands, Singapore during 14-17 October 2018. The deadline for Abstract Submission was 31 March 2018.

Due to insistent requests, the International Rice Congress 2018 has extended the deadline for the Early Bird Rate registration and the submission of abstracts for the International Rice Research Conference (IRRC 2018) to **April 30, 2018**.

Further Details of IRC2018 may be obtained at:

<http://ricecongress2018.irri.org/>.

The CGIAR Research Program on rice (RICE) offers support to undergraduate and graduate (B.Sc., M.Sc., Ph.D.) students to attend IRC2018.

The grant aim to help students link with global rice researchers and build a network among young scientists from around the world who can contribute to society through rice research. Up to 40 travel grants of 1,000 US\$ each are made available to students associated with any of the six lead centers of RICE (AfricaRice, CIAT, IRRI, Cirad, IRD, JIRCAS) and conducting their research in the RICE program.

Award recipients will receive a cash award, in person, at the IRC2018 upon presentation of a valid student identity card (issued by the university at which they are enrolled) and of their registration documents for the IRC2018.

For further information on eligibility criteria for application, see:

<http://ricecrp.org/5th-international-rice-congress-irc2018-support-grants-rice-crp-students/>

or send inquiries to: riceirc2018grants@irri.org.

AN APPRECIATION- DR. T. V. MUNIAPPA

The following appreciation was sent by Dr. Sushilkumar on behalf of ISWS.

By Dr. Sushilkumar

Secretary, Indian Society of Weed Science, ICAR - Directorate of Weed Research, Maharajpur, Jabalpur 482 004, Madhya Pradesh, India.

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The Indian Society of Weed Science (ISWS) is in a deep sense of shock and sadness due to the recent demise of Dr. T.V. Muniappa, one of its staunchest and senior members. Dr. Muniappa was a Past President of the Society during 2011-12. The guidance and leadership provided by him as President during a particularly critical period of the Society will remain his immense contribution and will be remembered forever.



The scientific fraternity and the students taught by him shall miss him greatly.

Dr. Muniappa served the Society in various positions such as the Editorial member of Indian Journal of Weed Science during 1995-1998; Joint Secretary (1999-2001); Vice President (2002-2004 and 2010-11). He also instituted an award for the Young Weed Scientists by contributing Rs one lakh.

Dr. Muniappa was the recipient of ISWS Fellow Award (2002) and Special Appreciation Award (2014) of ISWS. His dedication has helped the Society to achieve newer heights. His demise has created an irreparable loss to the Society.

We pray that his noble soul may rest in eternal peace, and give inner strength to the members of bereaved family to bear this loss.

Editor's Note:

APWSS sends condolences to Dr. T. V. Muniappa's family and the ISWS. Dr. Muniappa was well known to some of us, who have attended Conferences in India. In 2014, meeting him in Jabalpur, I befriended him and had many interesting conversations, not just limited to weeds!



Photo shows Dr. Muniappa receiving a Special Recognition Award in 2014 from the ISWS

50TH ANNIVERSARY CONFERENCE, INDIAN SOCIETY FOR WEED SCIENCE



The Indian Society of Weed Science (ISWS) is making preparations to celebrate its 50th Year of existence in November 2018. The Golden Jubilee Conference will be held during 20-24 November, at the Directorate of Weed Science (DWR), Jabalpur, Madhya Pradesh, India.

Topics: Contributions are welcome on any aspect of weed science like biology, ecology, cultural, chemical and biological management, effect of climate change on weeds, herbicide residue, IWM, weed resistant, weed utilization etc.

- Call for Extended Summary opens: Feb, 2018 with a submission deadline of July, 2018.
- Registration opened in Feb, 2018.

More information can be obtained from the website: <http://isws.org.in/>

Secretariat, Indian Society of Weed Science, ICAR-Directorate of Weed Research (DWR) Maharajpur, Jabalpur - 482004, (MP), India, (Phone: 91-761-2353934, E-mail: iswsjbp@gmail.com)

8TH INTERNATIONAL WEED SCIENCE CONGRESS (IWSC 2020)



The 8th International Weed Science Congress (IWSC 2020) is now being organized by the International Weed Science Society (IWSS). This Conference will be hosted by Weed Science Society of Thailand at Centara Grand Hotel at Central World in Bangkok during 22-26 June 2020. The main topics will include

- Herbicide resistance
- Weed Biology and Ecology
- Integrated Weed Management
- Climate Change Aspects of Weed Science
- Non-Chemical Weed Control
- Application Technology
- Economic and Social Aspects of Weed Management
- Environmental Fate of Herbicides
- Weed Issues in Asia
- New Technology for Weed Management

UP-COMING OTHER EVENTS

[18th EWRS International Symposium "New approaches for smarter weed management"](#)

17 – 21 June 2018; Venue: Ljubljana, Slovenia

[21st Australasian Weeds Conference"](#)

9-12 September 2018; Venue: Sydney, NSW, Australia

[Neobiota 2018 \(10th International Conference on Biological Invasions\)](#)

4 – 7 September 2018; Venue: Dublin, Ireland

[1st International Conference on Biological Control](#)

27 to 29 September 2018; Venue: Le Méridien, Bangalore

[14th IUPAC International Congress of Crop Protection Chemistry"](#)

19 – 24 May 2019; Venue: Ghent, Belgium

[XIX International Plant Protection Congress - 2019](#)

10 – 14 November 2019; Venue: Hyderabad, India

- Weed 'Omics'

Anyone requiring additional information should contact **Dr. Chanya Maneechote** (chanyaku36@gmail.com)



28TH APWSS CONFERENCE, 2021

As many members are aware, Thailand was awarded the opportunity to host the APWSS 2021 Conference. Dr. Chanya (now Vice-President of APWSS) is the primary local organizer of this event as well.

She informed the APWSS Ex-Co that the Conference will be held at the Imperial Hotel in Chiang Mai, the northern province of Thailand. The First Circular will be distributed to the APWSS members by 2019.