



IAS

Volume 9, No. 1
January 2010

International Allelopathy Society

Newsletter

President's Message

Most of the IAS Board of Directors attended the 1st International Congress of the Asian Allelopathy Society (AAS) which was held in December of 2009 in Guangzhou, China. I cannot speak for the rest of the board, but I found it to be a very well organized and valuable meeting. The weather was even perfect. I applaud Professors Shiming Luo and Rensen Zeng for organizing this outstanding meeting. Guangzhou is a beautiful, modern city with a large botanical garden of great quality and surrounding attractions of natural beauty. We hope that this meeting will be a harbinger of an equally successful World Congress in Guangzhou 2011.

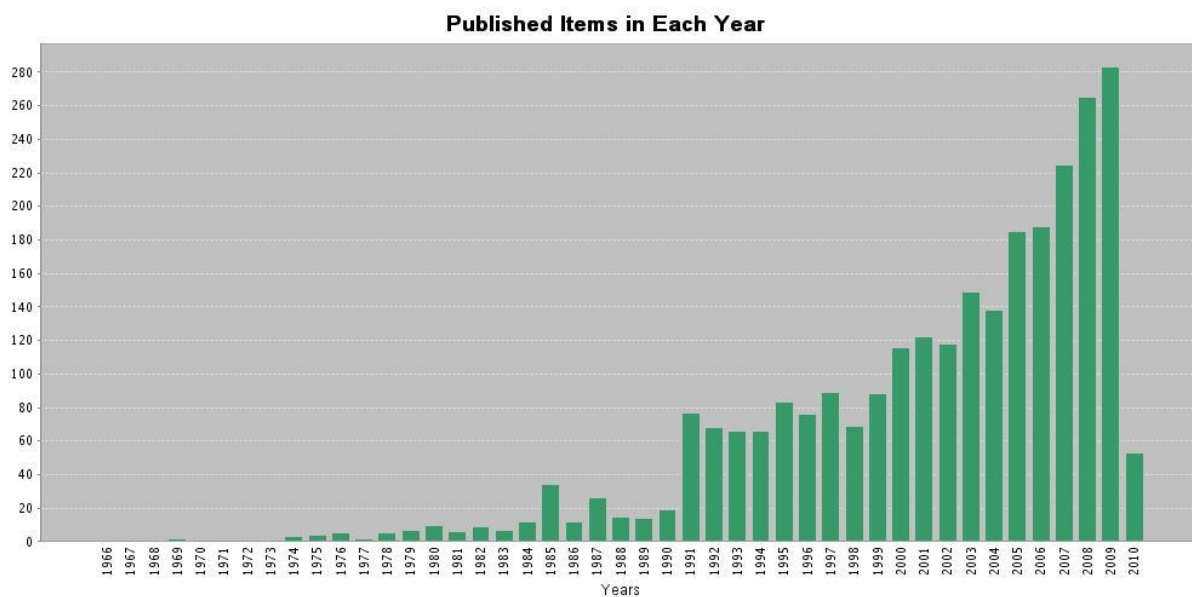
The 6th World Congress on Allelopathy of the International Allelopathy Society (IAS) will be held in the Hotel Guangzhou, Guangzhou, China in December of 2011. The upcoming meeting in scenic Guangzhou should provide an opportunity to see diverse plant life and history in southern China and visit a beautiful city with modern conference facilities. The organizing committee is headed by Prof. Luo Shiming. You will find a section in this newsletter that provides more details on this. Also, a website for this meeting will be available shortly. Please make plans to attend this conference in order to hear about the latest allelopathy research and to see your old colleagues and to meet new ones.

I was honored to be asked to give a keynote address at the 1st International Congress of the AAS. In preparing my presentation on the current status of allelopathy research, I became keenly aware of the worldwide growth of allelopathy research. The graphic below illustrates the growth of our discipline. This figure came from the ISI Web of ScienceSM and was generated with the key words allelopathy and allelochemical.

It does not represent all papers in our area because not every journal is represented and books and book chapters are not included. Clearly, our discipline is in a linear growth phase. We hope that many of the scientists involved in this growth will participate in our next congress.

IAS Awards

IAS presents three awards at its triennial congress: 1) the **Molisch Award**: For outstanding academic achievement and/or service relating to the field of allelopathy, 2) the **Grodzinsky Award**: For the best single publication or book relating to allelopathy since the last congress, and 3) the **Rice Award**: For the best single paper presented by a student at a symposium sponsored by the IAS. The first two of these are decided before the congress and the last one is determined after the student presentations at the congress. President, IAS is the chair of the awards committee, so please send me nominations (sduke@olemiss.edu) for the first two awards by Aug. 1 of 2011.



7th World Congress on Allelopathy

The 7th World Congress on Allelopathy will be held in 2014. We would like those interested in hosting this congress in 2014 to send me the following information by Nov. 1, 2011: 1) The names of those who would take responsibility for organizing the meeting; 2) a proposed venue and city 3) estimated hotel costs, 3) estimated local and national support (funding and personnel), and 4) suggested social events and tours associated with the meeting. The Executive Council of IAS will review proposals and will make recommendations for confirmation by the membership at the IAS General Business Meeting at the 6th WCA in Guangzhou.

I hope to see all of you who receive this newsletter in Guangzhou in 2011.

Stephen Duke

President

March, 2010

The First International Conference of Asian Allelopathy Society

The First International Conference of Asian Allelopathy Society was held in Guangzhou, China on December 18 to 22, 2009. There were 220 participants from 14 countries in Asia and around the world including Australia, India, Bangladesh, Canada, Japan, Malaysia, Pakistan, Russia, South Korea, Spanish, Thailand, Tunisia United States, and China. The goals of the conference were to promote the scientific exchange of allelopathy information and the formation of Asian Allelopathy Society. The present President of International Allelopathy Society, Dr. Stephen Duke from United States, Past Presidents of International Allelopathy Society, Dr. Yoshiharu Fujii from Japan and Dr. Azim Mallik from Canada, and the executive committee members of the IAS, Dr. Inderjit from India, IAS treasurer and Dr. Prasanta C. Bhowmik from United States, also attended the conference.

Keynote speeches were delivered by Dr. Stephen Duke (USA), Yoshiharu Fujii (Japan), Ransen Zeng (China), Z.A. Cheema (Pakistan), Inderjit (India), Shao-lin Peng (China), Chang-Hung Chou (Chinese Taipei), Wen-xiong Lin (China), Jing-quan Yu (China), Luo Shiming (China) and Azim Mallik (Canada). They covered the subject of the review of allelopathy development in the world, methodology of allelopathy research, allelochemical mediated interaction between plants and other organisms, using sunflower and sorghum for weed control, allelopathy in natural ecosystems, allelopathy in natural succession, the adaptation of allelopathy by native plants, molecular mechanisms of allelopathy in rice, allelopathy in sustainable agriculture, autotoxic potential of cucumber, history of allelopathy in China, and the allelopathy of *Kalmia* heath and the restoration of spruce forests.



Participants in the First International Conference of Asian Allelopathy Society

The rest of the scientific program was organized into five symposia: (1) allelochemical: isolation, identification, biosyntheses, applications and molecular mechanisms, (2) the role of allelopathy in biological invasion, (3) allelopathy in agriculture and forestry, (4) methods for studying allelopathy and allelopathy in natural ecosystem, and (5) allelopathic interaction between plants and other organisms including insects, pathogens, endophytes and mycorrhizal fungi. There were 106 oral presentations and about 79 posters presented in these symposia. A special issue of *Allelopathy Journal* (Volume 25 Number 1, 2010) contains Proceedings of the First International Conference of Asian Allelopathy Society” and was available at the conference.

The participants visited agricultural production and preserved natural forestry in the area on the third day of the conference. On the last day, the Constitution of the Asian Allelopathy Society and the By Laws of Asian Allelopathy Society were approved in the general assembly and five executive committee members and 20 councilors of the Asian Allelopathy Society were selected. The President of AAS is Luo Shiming from China. The Vice President of AAS is Dr. A. S. Ahluwalia from India. The secretary of AAS is Ransen Zeng from China. The Joint Secretary of AAS is Zahid Ata Cheema from Pakistan. The location of the Second International Conference of Asian Allelopathy Society was decided to be in India in 2012, and A.S. Ahluwalia will be the responsible person to organize the Conference in India in 2012.

Allelopathy research in Asia showed has grown dramatically in the last two decades. Asian countries are geographically correlated and have a lot of flora and fauna exchanges. In order to promote the exchange and collaboration between allelopathy scientists, students, businessmen, government officials and others, it is needed to form a society in Asia in the field of allelopathy. According to the Constitution, the Asian Allelopathy Society it is a non-profit organization, and it is organized exclusively for scientific purposes, specifically to promote the understanding of allelopathy and the collaboration in the field of allelopathy between Asian scientists and those from the other parts of the world. The AAS will closely work with the International Allelopathy Society to promote the development of the science of allelopathy in Asia.

Shiming Luo

President, Asian Allelopathy Congress

Treasurer's Report



I am pleased to report that our membership has substantially increased over the last four years. Currently, we have a total of 117 paid members. In 2009, only two members joined, and only one member renewed the membership in 2010. We still have many participants from the last WCA who are not current members of IAS. I encourage you all and others to join the society. Please use the current membership form (attached).

The triennial membership (2012-2014) will be collected at the 6th. World Congress on Allelopathy in Guangzhou, China. Currently, the IAS has a net worth of \$17,535.89 as of December 31, 2009.

Dr. Prasanta C. Bhowmik

Treasurer, IAS

The intensive preparation of the 6th World Congress on Allelopathy is under way

The preparation for the 6th World Congress on Allelopathy (WCA) to be held in Guangzhou, China is progressing full speed. The date for the congress has been decided, December 15th to 18th. December is the dry season of this monsoonal area with average day time temperature, at a comfortable range usually 15-20 °C with clear sky. We considered this date keeping in mind that at the end of the congress the participants can go home and spend their Christmas holiday with their family and friends. This date for the 6th WCA was also discussed and agreed upon by all the IAS members who attended the First International Conference of Asian Allelopathy Society in 2009.

The local organizing team of the Institute of Tropical and Subtropical Ecology, South China Agricultural University led by Luo Shiming and Rensen Zeng is advancing the preparatory work. After inspecting eight big hotels and convention centers in and around Guangzhou, Hotel Canton

has been selected as the venue for the congress not only because of its downtown location with many shopping facilities but also for its excellent accommodation, good service and conference facility as expected in a four star hotel at a reasonable price. Within 5-10 minutes walk from Hotel Canton, you can reach the People's Park of Guangzhou, Beijing road-the most famous commercial center in Guangzhou and subway station which can connect to the airport, railroad station and other major parts of Guangzhou easily. We have also selected another budget hotel for students and colleagues looking for cheaper accommodation only a 3-4 minutes walk from the conference venue.

The formation of Scientific Program Committee and Local Organization Committee is under way. These committees will prepare the details of scientific and social programs. We will put together a strong scientific program for this conference by inviting several plenary speakers from around the world who have made significant impact in the field and also by holding organized symposia in targeted aspects of allelopathy research and application. Your suggestions and active participation is critical to this attempt. We wish to publish a special issue of journal(s) with papers presented at this congress. We have already started dialogues with established journals in related fields. We would like the IAS editor Professor Azim Mallik to be involved in this endeavor. The scientific program will be finalized and announced in the summer.

The application for a new independent website of IAS and the 6th WCA has been submitted. The webpage design is underway as we await the permission for these. We hope that the new webpage of IAS and 6th WCA will be available before June. During this preparation stage, we welcome any suggestions and advice from you on any aspects of the 6th WCA and the IAS website.

To give a bit about the history, people and culture of the city, Guangzhou is the southern gate of China with a beautiful mythological story of five goats with rice ears on their mouths. It is said that they were once sent by a fairy to bless the people of this rich flood plain of the Pearl River. Guangzhou has a long history of tight economic and cultural linkages with the rest of the world. As the capital of Guangdong Province, Guangzhou has been leading the reform practices of China in the past 30 years. It is a rapidly expanding and vibrant city full of optimism. The 16th Asian Games will be held here later this year.

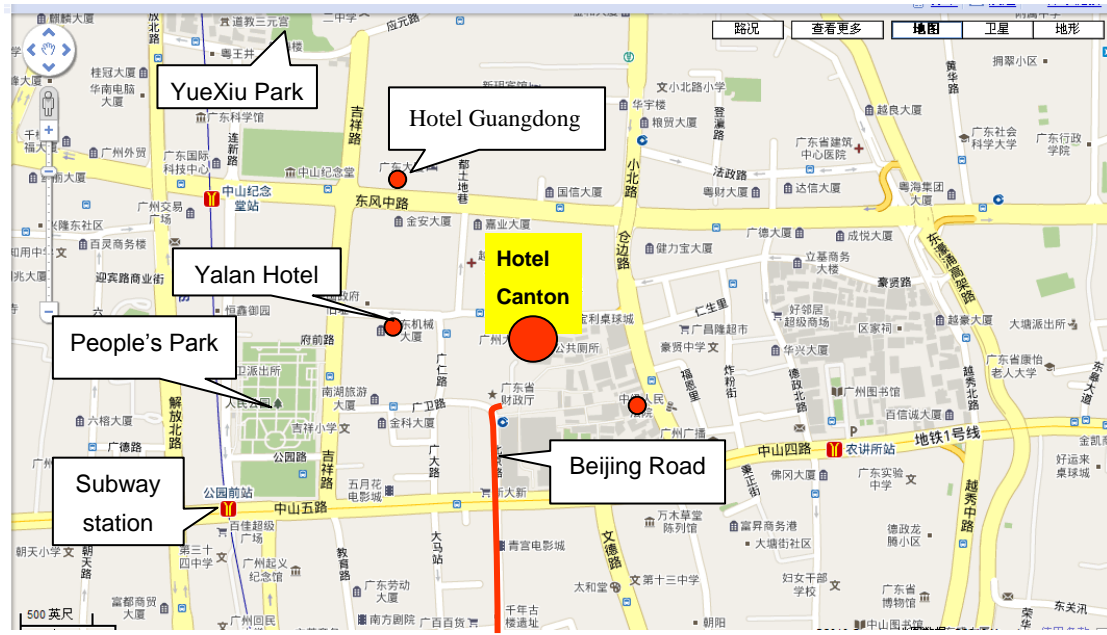
Just as the IAS President Stephen Duke said, world allelopathy research is in a rapid development stage. We believe that many scientists and students will join us here in 2011. Guangzhou the City of Flower welcomes your participation at the 6th WAC.



Hotel Canton



Conference Hall of Hotel Canton



Location of Hotel Canton and its vicinity



Conference Hall of Hotel Canton

The 6th World Congress of Allelopathy

December 15-19, Guangzhou

Venue: Hotel Canton, Guangzhou, China

Host: South China Agricultural University

Deadlines

- March 15, 2011 Deadline for submission of abstract for the 6th WCA,
- April 10, 2011 Reply to authors regarding acceptance of the paper for oral presentation and a possible inclusion in a special issue of a journal publication or conference proceedings or for a poster presentation
- June 15, 2011 Deadline for submission of full paper
- August 30, 2011 Deadline for early registration

Registration Fee includes the reception, congress proceedings, local transportation and all meals during the congress.

Members of IAS

- Early registration 400 US dollars
- Late registration 450 US dollars
- Early registration for students 200 US dollars
- Late registration for students 250 US dollars

Non-members of IAS

- Early registration 475 US dollar
- Late registration 525 US dollar
- Early registration for students 230 US dollars
- Late registration for students 280 US dollars

Spouses and accompanying persons

- Early registration 200 US dollars
- Late registration 250 US dollars

Membership in IAS (dues for 2011-2014)

- Membership - 75 US dollars
- Student membership – 30 US dollars

Room rates

Hotel Canton (four stars hotel)

Double room 50 US dollar/day

Single room 70 US dollar/day

Hotel Yalan (economy hotel)

Double room 30 US dollar/day

Single room 30 US dollar/day

Schedule

	Morning session	Afternoon session
Dec. 15 (Thursday)	Arrival, registration and reception	
Dec.16 (Friday)	Opening ceremony Plenary lecture	Concurrent symposia
Dec.17 (Saturday)	Plenary lecture Concurrent symposia	Concurrent symposia
Dec. 18 (Sunday)	Plenary lecture Concurrent symposia	Field trip
Dec. 19 (Monday)	Plenary lecture General assembly & Business meeting Closing ceremony	Departure

Proposed Symposia

1. Allelopathy: methodology and modeling
2. Allelopathy in agriculture
3. Allelopathy in horticulture and forestry
4. Allelopathy and invasive plants
5. Physiology, biochemistry, molecular biology and genetics of allelopathy
6. Allelopathy and plant – insect interactions
7. Allelopathy and plant – microbial interactions
8. Allelopathy and rhizosphere ecology
9. Allelopathy in aquatic system
10. Chemistry of allelochemicals
11. Environmental fate of allelochemicals

Scientific Program Committee

Prasanta Bhowmik (pbhowmik@pssci.umass.edu) Co-Chair
Ren-Sen Zheng (rszeng@scau.edu.cn) Co-Chair

International Scientific Committee:

Azim Mallik, Canada, azim.mallik@gmail.com
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Wen-xiong Lin, China. wenxiong181@163.com.
Yoshiharu Fujii, Japan, yfujii@affrc.go.jp
Zhi-qiang Pan, USA, zpan@olemiss.edu

Proposed Potential Plenary Speakers:

- Anne Osbourn, John Innes Centre, UK
- David Wardle, Swedish University of Agricultural Sciences
- Ian Thomas Baldwin, Max Planck Institute for Chemical Ecology, Germany
- Jonathan Gershenzon, Max Planck Institute for Chemical Ecology, Germany
- May R. Berenbaum, University of Illinois, USA
- Ragan M. Callaway, University of Montana, USA.
- Richard Karban, University of California
- Rick Lankau, University of Illinois
- W. van der Putten, NIOO, The Netherlands
- Xiao-ya Chen, Institute of Plant Physiology and Ecology (IPPE)

Local Organizing Committee:

Organizing Chair: Shi-ming Luo
Organizing Vice-Chair & Secretary: Ren-sen Zeng

Committee members:

Wen-xiong Lin (Fujian Agriculture and Forestry University)
Jing-quan Yu (Zhejiang University)
Shao-lin Peng (Zhongshan University)
Chong-ren Yang (Kunming Institute of Botany, Chinese Academy of Science)
Feng-zhi Wu (Northeast China Agricultural University)
Jian-wu Wang (South China Agricultural University)
Xin Chen (Zhejiang University)
Yong-ping Huang (Shanghai Institute for Biological Sciences, Chinese Academy of Science)
Jing-Guo Wang (China Agricultural University)
Chen-zhu Wang (Institute of Zoology, Chinese Academy of Sciences)
Xiu-feng Yan (Northeast China Forestry University)
Yong-qing Ma (Northwest China Agricultural and Forestry Technology University)
Zhi-hui Chen (Northwest A & F University)
Wan-xian Wang (Hubei University)
Wei-bin Ruan (Nankai University)
Yi-xin Shen (Nanjing Agricultural University)
Yu Hong (Beijing Forestry University)
Zhong-yi Zhang (Henan Agricultural University)

International Allelopathy Executive Committee



Steve Duke
President



Prasanta Bhowmik
Treasurer



Leslie Weston
President-Elect



Inderjit
Secretary



Shi-ming Luo
Congress Vice President

Newsletter Editor's column

Kindly send material for the next newsletter to Professor Inderjit, Secretary of the International Society of Allelopathy.

Professor Inderjit
Department of Environmental Studies;
University of Delhi, Delhi 110007, India
Email: inderjit@cemde.du.ac.in

Membership Forms

APPLICATION FOR NEW MEMBERSHIP/RENEWAL & PAYMENT OF DUES

The International Allelopathy Society (IAS) invites you to join as a new member or renew your membership. Scientists of diverse disciplines with a common point of interest: the study and comprehension of allelopathic phenomena are welcome. We hope this application will provide you with the opportunity to take advantage of many benefits IAS shall offer to its members.

Please type or print clearly. New Member _____ or Renewal _____

1. Name: _____ **DATE** _____

Mailing address:

Institution: _____

Street: _____

City: _____ Postal code _____

State/Province _____ Country _____

Tel: _____ FAX: _____

E-mail address (required): _____

Interests (keywords) _____

2. Payment: (Membership is paid on a triennial basis. Dues paid now will keep your membership (2009-2011) current until the **Sixth World Congress on Allelopathy in Guangzhou, China in 2011.**

Circle amount which applies:

Regular member (\$25 per year) \$75 U.S.

Student member (\$10 per year) \$30 U.S.

Life member \$500 U.S.

Voluntary donation to the Society (indicate amount) _____ U.S.

Total Enclosed _____ **U.S. Dollar**

Bank Draft or International Money Order should be made payable to The International Allelopathy Society, and should be drawn upon a US Bank. MAIL THIS COMPLETED FORM ALONG WITH YOUR DRAFT or MONEY ORDER TO:

Dr. Prasanta C. Bhowmik

Treasurer, International Allelopathy Society, c/o Department of Plant, Soil & Insect Sciences
Stockbridge Hall 10, University of Massachusetts, Amherst, MA 01003-7245 USA

Email for Prasanta C. Bhowmik: pshowmik@pssci.umass.edu
