



## FIRST CIRCULAR

30<sup>th</sup> Asian-Pacific Weed Science Society Conference

# APWSS 2027

Celebrating **60** Years of APWSS

*Weed Research and Management  
under Global Climate Change*



**23-27 August 2027**



Muong Thanh Luxury Hotel, Da Nang City, Vietnam



WEED  
MONITORING



PRECISION  
APPLICATION



DATA-DRIVEN  
DECISIONS



SUSTAINABLE  
FUTURE

# FIRST CIRCULAR

July 2026

THE 30th ASIAN-PACIFIC WEED SCIENCE SOCIETY CONFERENCE

## APWSS 2027

### Weed Research and Management under Global Climate Change

|         |                                                          |
|---------|----------------------------------------------------------|
| Date    | 23-27 August 2027                                        |
| Venue   | Mường Thanh Luxury Hotel, Da Nang City, Viet Nam         |
| Website | <a href="http://www.apwss2027.org">www.apwss2027.org</a> |

A high-level regional platform for weed science, climate-resilient agriculture, integrated weed management, herbicide resistance, allelopathy, biodiversity, digital agriculture and sustainable crop protection.

#### Call for Participation

Researchers, students, educators, extension specialists, policymakers, industry partners and professionals in weed science and sustainable agriculture are warmly invited to join APWSS 2027 in Da Nang, Viet Nam.

#### Why this meeting matters

- Weed problems are becoming more complex under climate change, herbicide resistance, labor shortage, changing land use and the demand for safer, more sustainable crop protection.
- Viet Nam provides a practical setting for these discussions through rice-based systems, weedy rice challenges, diversified tropical agriculture and fast-changing production landscapes.
- Da Nang offers a convenient, beautiful and hospitable venue for scientific exchange, professional networking and regional friendship.

60th Anniversary Highlight: APWSS 2027 will include special moments to recognize six decades of regional cooperation in weed science and to acknowledge the people, institutions and partnerships that have supported APWSS since its establishment.

## WELCOME MESSAGES

### Welcome Message from APWSS

It is my great pleasure to invite colleagues, partners, students and emerging weed scientists from the Asia-Pacific region and beyond to the 30th Asia-Pacific Weed Science Society Conference in Da Nang, Viet Nam. This meeting will be a special occasion because APWSS 2027 also celebrates 60 years of APWSS service to weed science, agricultural development and regional cooperation.

Under the theme Weed Research and Management under Global Climate Change, APWSS 2027 will connect rigorous weed science with practical solutions for resilient agriculture, herbicide resistance stewardship, biological and ecological approaches, precision technologies, digital agriculture and policy-relevant innovation.

Viet Nam offers a living context for these discussions, particularly through rice-based systems, weedy rice challenges, diversified tropical agriculture and fast-changing production landscapes. We look forward to welcoming you to a conference that is scientifically serious, professionally useful and warmly Vietnamese.

Warmest regards,



**Dr. Ho Le Thi**

*APWSS 2027 President / Conference Chair*

### Welcome from the Local Organizing Committee

On behalf of the Local Organizing Committee and the Vietnam Weed Science Society, I warmly welcome the APWSS community to Da Nang - a dynamic coastal city that combines modern infrastructure, rich culture and generous hospitality.

The LOC is working with APWSS, Vietnamese institutions and international partners to prepare an efficient, inclusive and high-quality conference environment at Mường Thanh Luxury Hotel, with scientific sessions, networking events, field-based learning opportunities and practical support for international participants.

We are committed to making APWSS 2027 a memorable platform for collaboration, knowledge exchange and long-term partnerships in weed science and sustainable crop protection. Welcome to Viet Nam - the science will be sharp, and the coffee will be stronger than most herbicide labels.

Sincerely,



**Dr. Nguyen Hong Son**

*President, Vietnam Weed Science Society (VWSS) /  
LOC Chair*

## Why Viet Nam and Da Nang?



Viet Nam is a strategically relevant host for APWSS 2027 because its agriculture includes intensive rice-based systems, upland crops, vegetables, fruit crops, aquaculture-integrated landscapes and rapidly changing production environments.

Da Nang combines modern conference infrastructure, beachside hospitality, convenient domestic and international access, and cultural proximity to central Viet Nam. It is a practical and memorable setting for regional scientific exchange.

## THEME, SCOPE AND OBJECTIVES

### Conference Theme

Weed Research and Management under Global Climate Change

The theme recognizes that rising temperatures, variable rainfall, extreme weather events, altered production systems and environmental pressures are reshaping weed distribution, crop-weed interactions, herbicide performance and management sustainability.

|                                                                                                                                    |                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Scientific exchange</b><br>Present recent advances in weed biology, ecology, evolution, genetics and management.                | <b>Climate resilience</b><br>Address climate-driven changes in weed dynamics, invasiveness and crop-weed competition.                                  |
| <b>Sustainable management</b><br>Strengthen integrated weed management across rice, upland, non-crop, aquatic and organic systems. | <b>Innovation and capacity building</b><br>Highlight precision agriculture, remote sensing, AI, education and knowledge transfer for young scientists. |

### Who Should Attend?

- Weed scientists, agronomists, ecologists, plant biologists and crop protection researchers
- University lecturers, graduate students, young scientists and postdoctoral researchers
- Extension specialists, agricultural consultants, government agencies and policymakers
- Industry partners, technology providers, NGOs and professionals interested in sustainable agriculture

### Expected Outcomes

Participants are expected to gain updated scientific knowledge, identify collaboration opportunities, engage with innovative weed management tools, and contribute to a shared vision for sustainable, climate-resilient weed science in the Asia-Pacific region.

## Scientific Program

The scientific program will begin with a pre-conference training workshop on Monday, 23 August 2027. The formal opening ceremony and main conference sessions will take place from Tuesday, 24 August to Friday, 27 August 2027, including plenary/keynote lectures, invited symposia, parallel oral and poster sessions, panels, professional workshops, young scientist activities, exhibitions and field-based learning.

|                                                                                  |                                                                                        |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 01. Weed Biology, Ecology, Evolution and Genetic Diversity                       | 10. Education, Extension and Knowledge Transfer in Weed Science                        |
| 02. Integrated Weed Management in Cropping Systems                               | 11. Utilization of Weeds for Value-Added Products and Ecosystem Services               |
| 03. Weed Management in Non-Crop and Aquatic Ecosystems                           | 12. Sustainable Management of Weedy Rice and Volunteer Crops                           |
| 04. Herbicide Modes of Action, Environmental Behavior and Application Technology | 13. Utilizing Weeds for Plant Protection and Biological Control                        |
| 05. Herbicide Resistance and Herbicide-Tolerant Crops                            | 14. Ecosystem-Based Weed Management and Biodiversity Conservation                      |
| 06. Precision Weed Management and Advanced Control Technologies                  | 15. Economics, Policy and Governance in Weed Management                                |
| 07. Impacts of Climate Change on Crop-Weed Interactions and Management           | 16. Novel Methodologies and Research Tools in Weed Science                             |
| 08. Weed Risk Assessment, Management and Quarantine Approaches                   | 17. Weed Management in Agroforestry and Organic Farming Systems                        |
| 09. Allelopathy and Allelochemicals in Weed Management                           | 18. Digital Agriculture and Artificial Intelligence for Weed Prediction and Management |

## Priority Cross-Cutting Questions

- How should integrated weed management be redesigned under climate change and labor transitions?
- How can herbicide resistance monitoring and stewardship be strengthened across diverse farming systems?
- Which digital tools, remote sensing and AI approaches are field-ready for weed prediction and decision support?
- How can weed management contribute to biodiversity conservation, low-carbon agriculture and ecosystem services?

## Preliminary Program-at-a-Glance

| 23 Aug 2027<br>Monday                                                                                                                                | 24 Aug 2027<br>Tuesday                                                                                                                   | 25 Aug 2027<br>Wednesday                                                                                                     | 26 Aug 2027<br>Thursday                                                                                                              | 27 Aug 2027<br>Friday                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-conference<br>Training Workshop<br>HR data, statistics/R<br>workflows and<br>digital/drone tools;<br>seminar room(s) for<br>50-100 participants. | <b>Opening &amp; APWSS 60th<br/>Anniversary</b><br>Registration, opening ceremony,<br>plenary/keynote lectures and<br>welcome reception. | <b>Core Scientific Sessions</b><br>Keynote lectures, parallel oral<br>sessions, poster session and<br>young scientist forum. | <b>Field Trip / Technical Visit</b><br>Full-day field-based learning,<br>technical demonstration and<br>cultural/agricultural visit. | <b>Symposia, Awards &amp;<br/>Closing</b><br>Invited symposia,<br>policy/technology<br>dialogue, awards,<br>closing ceremony and<br>gala dinner. |

## Draft day-by-day program structure

| Day / Date                    | Morning                                                                                                                          | Afternoon                                                                                                                                                  | Evening / Notes                                                                                                                 |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Day 0<br/>Mon, 23 Aug</b>  | Pre-conference training: herbicide-resistance data interpretation, experimental design, weed science statistics and R workflows. | Digital/drone tools, UAV/remote sensing, image-based weed detection, AI decision support and mentoring for graduate students and early-career researchers. | Room arrangement: one room for 50-100 participants, or two concurrent rooms of about 50 participants each; informal networking. |
| <b>Day 1<br/>Tues, 24 Aug</b> | Registration; Opening Ceremony; APWSS 60th Anniversary Plenary; Plenary Lecture 1                                                | Keynote Lectures 1-2; High-level panel on climate change, herbicide resistance and sustainable weed science                                                | Welcome Reception                                                                                                               |
| <b>Day 2<br/>Wed, 25 Aug</b>  | Keynote Lectures 3-4; Parallel Oral Session Block 1                                                                              | Parallel Oral Session Block 2; Poster Session 1; Young Scientist Forum / mentoring                                                                         | National society networking / free evening                                                                                      |
| <b>Day 3<br/>Thu, 26 Aug</b>  | Assemble at hotel; depart for technical field site; field diagnosis and IWM / application-technology demonstration               | Lunch; ecology/cultural agricultural landscape visit; return to hotel                                                                                      | Return to hotel / free evening                                                                                                  |
| <b>Day 4<br/>Fri, 27 Aug</b>  | Keynote Lectures 5-6; Invited Symposium Block 1                                                                                  | Parallel Oral Session Block 3; Poster award judging; APWSS Business Meeting; Closing Ceremony                                                              | Farewell / Gala Dinner; participant departure / optional individual travel                                                      |

Field trip planning note: If delegate numbers are large, 2-3 parallel routes may be organized to combine: (1) technical agriculture route and (2) ecology-cultural route. Final routes will depend on field conditions and local partner confirmation.

## Call for Abstracts

Authors will be invited to submit original work relevant to weed science, crop protection, sustainable agriculture, environmental management or related disciplines aligned with the conference thematic areas. Detailed submission instructions and online submission links will be provided on the official conference website.

| Abstract format                                                                                                                                                                                                                                         | Review criteria                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>English language</li> <li>Title in sentence case</li> <li>Full author names and affiliations</li> <li>Presenting author and email address</li> <li>Main text: maximum 300 words</li> <li>3-5 keywords</li> </ul> | <ul style="list-style-type: none"> <li>Relevance to conference theme and scope</li> <li>Scientific quality, originality and clarity</li> <li>Clear objectives, methods and main results</li> <li>Appropriate conclusions and implications</li> <li>Program balance and presentation quality</li> </ul> |

## Presentation Formats

| Oral presentation                                                                    | Poster presentation                                                                             | Invited / panel sessions                                                    |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Parallel thematic sessions for completed studies and high-priority applied research. | Interactive poster sessions for research findings, case studies, graduate work and innovations. | Thematic symposia, professional workshops and policy or industry dialogues. |

*At least one author of each accepted abstract must register for the conference. Only registered abstracts will be included in the final program and abstract book.*

## Committees, APWSS Board, Awards and Travel Support

### Organizing Committee

|                                                |                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>APWSS 2027 President / Conference Chair</b> | Dr. Ho Le Thi, President, APWSS; Can Tho University, Viet Nam                       |
| <b>Local Organizing Committee Chair</b>        | Dr. Nguyen Hong Son, President, VWSS, Vietnam Academy of Agricultural Sciences      |
| <b>International Coordination</b>              | APWSS Board – Advisory and Executive Committees and National Weed Science Societies |
| <b>Conference Secretariat</b>                  | APWSS 2027 Conference Secretariat, Da Nang - Can Tho, Viet Nam                      |

### APWSS Board Members

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| <b>President</b>                           | Dr. Ho Le Thi                   |
| <b>Vice President</b>                      | Dr. Do-Soon Kim                 |
| <b>Secretary General</b>                   | Dr. Analiza Henedina M. Ramirez |
| <b>Treasurer</b>                           | Dr. Jhoana Opena                |
| <b>Chairperson, APWSS Advisory Council</b> | Dr. Steve W. Adkins             |
| <b>Editor</b>                              | Dr. Nimal Chandrasena           |

### APWSS Country Representatives

The full list of APWSS country representatives will be included in the Second Circular, with country, name, affiliation and contact pathway. This will support coordinated national promotion of APWSS 2027, delegate recruitment, abstract submission and early registration follow-through.

### Scientific Program Committee – Will be announced in the Second Circular

### Awards

- Student Travel Grant Awards - Chair Dr. Analiza Henedina M. Ramirez: Deadline: 15 May 2027 (visit [www.apwss2027.org](http://www.apwss2027.org))
- Scientist Travel Support Award - Chair Dr. Nguyen Hong Son: Deadline: 15 May 2027 (visit [www.apwss2027.org](http://www.apwss2027.org))
- Lifetime Achievement Awards - Chair Dr. Steve W. Adkins: Deadline: 15 May 2027 (visit [www.apwss2027.org](http://www.apwss2027.org))

*\*Proposed dates are included for planning only. Final eligibility, application forms, award categories and deadlines will be announced by the relevant APWSS award committees and on the official websites.*

## Keynote Speakers

Keynote speakers, invited speakers and presentation titles will be announced in the Second Circular.

## KEY DATES AND REGISTRATION

### Tentative Timeline

| Milestone                                                  | Tentative Date / Period |
|------------------------------------------------------------|-------------------------|
| First Circular released                                    | July 2026               |
| Second Circular targeted release                           | September 2026          |
| Call for abstracts opens                                   | September 2026          |
| Award and travel-support applications open                 | January 2027            |
| Abstract submission deadline                               | 31 March 2027           |
| Notification of abstract acceptance                        | 30 May 2027             |
| Early-bird registration deadline                           | 31 May 2027             |
| Standard registration period closes                        | 30 July 2027            |
| Final program release                                      | July 2027               |
| Conference dates                                           | 23-27 August 2027       |
| APWSS 2027 website fully populated and cross-linked        | September 2026 onward   |
| Country representatives list confirmed for Second Circular | September 2026          |

### Information to be included in the Second Circular

| Item                                       | To be included / confirmed in the Second Circular                                                                                                                                                              |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Proceedings and publication pathway</b> | Preliminary information on the conference proceedings and abstract book.                                                                                                                                       |
| <b>Cancellation and refund policy</b>      | Clear registration cancellation and refund policy before paid registration opens.                                                                                                                              |
| <b>Detailed final program</b>              | Confirmed keynote speakers, invited symposia, session allocations, poster schedule, chairpersons, room assignments, workshop details, field-trip routes and logistical instructions.                           |
| <b>Abstract submission platform</b>        | Online submission link, abstract template and detailed author instructions.                                                                                                                                    |
| <b>Visa guidance</b>                       | Expanded guidance for delegates who may need longer processing time, with links to official Viet Nam visa and e-visa information.                                                                              |
| <b>Young Scientist Program</b>             | Mentoring, presentation opportunities, networking, awards and activities for students, HDR/Higher Degree by Research researchers and early-career scientists.                                                  |
| <b>Website and communication readiness</b> | Fully populated APWSS 2027 website with program, abstract, registration, accommodation, visa, sponsorship and contact information; active cross-linking with the updated APWSS main website and partner pages. |
| <b>Country representatives</b>             | List all APWSS country representatives with country, name, affiliation and contact pathway to support national promotion, abstract submission and early registration follow-through.                           |

## Registration Fee Schedule

| Category                          | Early Bird<br>until 31 May 2027 | Standard<br>1 Jun-30 Jul 2027 | On-site<br>from 1 Aug 2027 |
|-----------------------------------|---------------------------------|-------------------------------|----------------------------|
| International participant         | USD 350                         | USD 400                       | USD 450                    |
| Local member (Viet Nam)           | USD 200                         | USD 250                       | USD 300                    |
| International graduate student    | USD 200                         | USD 250                       | USD 300                    |
| Local graduate student (Viet Nam) | USD 150                         | USD 200                       | USD 250                    |
| Accompanying person               | USD 200                         | USD 200                       | USD 200                    |

- Graduate student registration requires a valid student ID or official proof of student status.
- Full registration is expected to cover scientific sessions, conference materials, coffee breaks, conference lunches and the welcome reception.
- Accompanying person registration covers the welcome reception and hospitality area.
- The field trip/technical visit and farewell/gala dinner will be confirmed in the Second Circular and require separate payment.

## VENUE, ACCOMMODATION AND TRAVEL



### Official Venue

#### Mường Thanh Luxury Hotel, Da Nang

270 Vo Nguyen Giap, Ngu Hanh Son Ward, Da Nang City, Viet Nam

Tel: +84 236 3956 789

Located along My Khe Beach and approximately 5.5 km from Da Nang International Airport.

### Venue Highlights

| Beachfront setting                           | Integrated venue                                        | Easy access                                       | Delegate experience                              |
|----------------------------------------------|---------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Coastal atmosphere for scientific networking | Accommodation, meeting rooms and dining in one location | Short transfer from Da Nang International Airport | Nearby cultural, culinary and nature attractions |

### Accommodation

A list of recommended hotels near the conference venue, including self-financing options for participants, will be announced on the website. Delegates are encouraged to book early because Da Nang is a popular coastal destination in August.

### Visa and Invitation Letters

International participants should check Viet Nam entry requirements well in advance. Visa requirements depend on nationality, passport type, travel route and length of stay. The official Viet Nam e-visa portal is <https://evisa.gov.vn/>.

### Field Tours and Social Program

A full-day technical field trip is planned for Thursday, 26 August 2027. Participation, route capacity and any additional fee will be confirmed in the Second Circular. Possible routes may include field-based learning on integrated weed management, herbicide application technology, digital/precision tools, invasive or aquatic weeds, and local agricultural landscapes.

Weather notes for delegates: August in Da Nang is generally warm and humid. Delegates are advised to prepare light clothing, sun protection and suitable rain protection for local travel and field activities.

# PARTNERSHIP, SPONSORSHIP AND EXHIBITION

APWSS 2027 welcomes engagement from research institutions, universities, professional societies, government agencies, development partners, technology companies, crop protection industries, publishers and innovation providers. Sponsorship and exhibition opportunities will support student participation, scientific exchange, professional networking and outreach.

|                              |                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Scientific visibility</b> | Logo placement, acknowledgement in circulars, website recognition and visibility during selected sessions. |
| <b>Exhibition booth</b>      | Professional space for technology display, publications, services and direct interaction with delegates.   |
| <b>Student support</b>       | Contribution to travel grants, young scientist activities, poster awards and mentoring events.             |
| <b>Custom partnership</b>    | Tailored sponsorship packages for symposia, field tours, hospitality functions or digital engagement.      |

## Provisional Sponsorship Categories

| Category                                               | Suggested Benefits                                                                                                                                                                                                                                                                                                                     | Status              |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Platinum / Lead Partner</b><br>USD 20,000 and above | Highest visibility as Lead Partner; acknowledgement at the Opening Ceremony and selected plenary session; premium exhibition booth; logo on website, circulars, backdrop and souvenir program; option for one sponsored technical session or industry-supported symposium, subject to program approval; 4 complimentary registrations. | One sponsor pledged |
| <b>Gold Partner</b><br>USD 10,000-19,999               | High-level visibility; acknowledgement during selected session; standard exhibition booth; logo on website, circulars, program book and conference signage; 2 complimentary registrations.                                                                                                                                             | Available           |
| <b>Silver Partner</b><br>USD 5,000-9,999               | Logo on website, circulars and program book; exhibition booth or display table; acknowledgement in conference materials; 1 complimentary registration.                                                                                                                                                                                 | Available           |
| <b>Bronze Partner</b><br>USD 2,500-4,999               | Logo or name recognition on website, circulars and program book; conference acknowledgement.                                                                                                                                                                                                                                           | Available           |
| <b>Exhibitor</b><br>USD 1,500                          | Exhibition space or display table; institution/company listing in the program book and on the conference website; delegate interaction during exhibition periods.                                                                                                                                                                      | Available           |

*The sponsorship prospectus will be issued separately. Sponsorship contributions will support student participation, scientific exchange, keynote and invited speakers, conference materials, young scientist activities, field-based learning and professional networking. Interested partners may contact the Conference Secretariat for early discussion.*

# CONTACT AND FURTHER INFORMATION



Scan for updates  
www.apwss2027.org

## Important Note

This First Circular is prepared for early planning and dissemination. Committee roles, award deadlines, field tours, sponsorship packages, abstract deadlines, program details, pre-conference workshop details and country representative listings remain provisional and will be updated in subsequent circulars and on the official APWSS 2027 website.

## Reference Websites

- APWSS 2027 official website: [www.apwss2027.org](http://www.apwss2027.org)
- Weed Science Society of Vietnam: <https://wssv.vn>
- Asian-Pacific Weed Science Society main website: <https://www.apwss.org/>



## APWSS 2027 Conference Secretariat

|                    |                                                  |
|--------------------|--------------------------------------------------|
| General email      | apwss2027@gmail.com                              |
| Website            | www.apwss2027.org                                |
| Contact person     | Dr. Nguyen The Cuong   +84 919 764 961           |
| Contact person     | Dr. Pham Nguyen Anh Duy   +84 566 130 066        |
| Special assistance | Associate Prof. Dr. Ho Le Thi, President, APWSS  |
| Venue              | Muong Thanh Luxury Hotel, Da Nang City, Viet Nam |

## Organized by

1. Asian-Pacific Weed Science Society
2. Vietnam Weed Science Society



## Co-organized by

3. Can Tho University
4. People's Committee of Da Nang City



## Accommodation booking and event service support

Registered APWSS 2027 participants who book rooms at Mường Thanh Luxury Hotel, Da Nang through the conference/accommodation support channel will be eligible for a 20% discount on room rates, subject to room availability and hotel confirmation. Booking through the appointed event service unit may also provide guidance for accommodation, local transfer, social program arrangements and other travel-related services.

**Hotel booking link:** <https://booking.muongthanh.com/khach-san-muong-thanh-luxury-da-nang>

Support channel email: [sales03dulichphuongdong@gmail.com](mailto:sales03dulichphuongdong@gmail.com)

**Welcome to APWSS 2027 in Da Nang, Viet Nam.**