



**IWSC**  
**2024**

**July 7-11, 2024**  
**Jerusalem, Israel**

**9<sup>th</sup> International Weed Science Congress**  
**Weed Science – Meeting the Challenges of Global Food Security**



**Second Announcement**



In collaboration with



[www.iwsc2024.com](http://www.iwsc2024.com)

## WELCOME FROM THE IWSS PRESIDENT

Dear Friends and Colleagues

On behalf of the Local Organizing Committee (LOC), it gives me an immense pleasure to invite you to participate in the forthcoming 9th International Weed Science Congress (IWSC) "Weed Science – Meeting the Challenges of Global Food Security" that will take place from July 7-11, 2024, in Jerusalem, Israel.

The Board of Directors of International Weed Science Society (IWSS) together with the LOC are collaborating with the Scientific Program Committee (SPC), to offer an up-to-date scientific program including oral presentations and posters covering the most important challenges in weed science today. Well renowned world scientists will be invited to discuss a wide range of topics and sessions to generate useful recommendations to overcome World Food Security Challenges in the time of 'Global Heating'.

In keeping with the traditions, there will also be optional workshops and training courses before the congress starts, and you are welcome to propose topics. In addition, professional excursions encompassing the advanced Israeli agriculture, combined with touristic attractions are planned which will accommodate both scientists and accompanying persons to join and enjoy the congress. We would like to emphasize that the congress is open to weed scientists from all over the world. In addition, there will be a specific program for budding weed scientists (students) during the congress.

Jerusalem is the holiest city for all the three Abrahamic faiths (Judaism, Christianity, and Islam) visited by >3.5 million tourists every year from all over the globe and boasts of > 50 Christian churches, 33 Muslim mosques, and 300 Jewish synagogues in the city to mesmerize the guests.

Israel is not only the most advanced country in the field of agriculture applying artificial intelligence, but also in other streams of science as well. The LOC has the most experienced and world-renowned weed scientists who are trying hard to have a memorable congress.

We look forward to your wholehearted participation in the 9th IWSC - a unique opportunity to further scientific pursuits and tourism recreations.



**Samunder Singh**  
President, IWSS

## WELCOME FROM THE LOC

Dear Friends

It is with great pleasure and honor that we invite you to participate in the upcoming 9th International Weed Science Congress that will be held July 7-11, 2024 in Jerusalem, Israel.

This congress brings together leading minds in the field of weed science to exchange knowledge, share breakthroughs, and collaborate towards sustainable solutions for weed management.

As we embark on this journey of discovery and innovation, we are reminded of the critical role weed science plays in ensuring global food security, safeguarding the environment, and promoting sustainable agricultural practices. Our collective efforts in understanding and managing weed-related challenges are crucial for a better tomorrow.

This congress promises to be a platform for rich discussions, and fruitful networking opportunities.

We encourage all participants to take this opportunity and submit an abstract of your work, for possible inclusion in the program.

In addition to the scientific sessions and presentations, we invite you to explore the enchanting city of Jerusalem, steeped in history and cultural significance. We look forward to welcoming participants from all corners of the globe.

Warm regards



**Baruch Rubin, Chair**



**Hanan Eizenberg, Co-Chair**

**IWSC 2024 Local Organizing Committee**

### LOCAL ORGANIZING COMMITTEE

**Baruch Rubin**, *Chair*

Institute of Plant Sciences & Genetics in Agriculture, Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem

**Hanan Eizenberg**, *Co-Chair*

Agricultural Research Organization, Volcani Institute, Neve Ya'ar Research Center, Ramat Yishai

**Yuval Benyamini**

VP R&D, Luxemburg Industries, Ltd

**Lior Blank**

Agricultural Research Organization, Volcani Institute, Rishon LeZion

**Yaakov Goldwasser**

Farmer & Scientist, Jezreel Valley R&D Center

**Ittai Herrmann**

Institute of Plant Sciences & Genetics in Agriculture, Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem

**Ran Lati**

Past President, Weed Science Society of Israel & Agricultural Research Organization, Volcani Institute, Neve Ya'ar Research Center, Ramat Yishai

**Maor Matzrafi**

President, Weed Science Society of Israel & Agricultural Research Organization, Volcani Institute, Neve Ya'ar Research Center, Ramat Yishai

**Assaf Mosquna**

Institute of Plant Sciences & Genetics in Agriculture, Faculty of Agriculture, Food & Environment, Hebrew University of Jerusalem

**Zvi Peleg**

Institute of Plant Sciences & Genetics in Agriculture, Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem

**Moshe Sibony**

Institute of Plant Sciences & Genetics in Agriculture, Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem

**Tuvia Yaacoby**

Weed Scientist, Mazkeret Batya

**Ehud Yogev**

Head, Global Herbicide Section, ADAMA

## COMMITTEES (Cont.)

### SCIENTIFIC PROGRAM COMMITTEE

**Paul Neve**, *Chair*

Crop Sciences Section, Department of Plant and Environmental Sciences, University of Copenhagen, Taastrup, Denmark

**Caio Brunharo**

Applied Weed Physiology Laboratory, Department of Plant Science, Pennsylvania State University, Pennsylvania, USA

**Madonna Casimero**

Senior Scientist-Agronomist, International Rice Research Institute, Los Banos, Philippines

**Michaela Kolarova**

Department of Agroecology and Crop Production, Faculty of Agrobiolgy, Food and Natural Resources, Czech University of Life Sciences, Prague, Czech Republic

**Maor Matzrafi**

President, Weed Science Society of Israel & Agricultural Research Organization, Volcani Institute, Neve Ya'ar Research Center, Ramat Yishai, Israel



**Paul Neve**, *Chair*



**Caio Brunharo**



**Madonna Casimero**



**Michaela Kolarova**



**Maor Matzrafi**

## PLENARY SPEAKERS (Preliminary)

**Ana Caicedo**

Department of Biology, College of Natural Sciences, University of Massachusetts Amherst, USA

**Osama El-Lissy**

Secretary, International Plant Protection Convention, Egypt

**Jonathan Storkey**

AgroEcology Department, Rothamsted Research, Harpenden, Hertfordshire, UK

**Pankaj Trivedi**

Department of Agricultural Biology, Colorado State University, Fort Collins, CO, USA

## PROGRAM AT A GLANCE

	Sunday, July 7	Monday, July 8	Tuesday, July 9	Wednesday, July 10	Thursday, July 11	Friday, July 12
08:45	Arrivals  Optional tours  Late afternoon Registration	Plenary session		Professional excursions & sightseeing	Plenary session	Optional tours or departures
10:00		Coffee break & visit the exhibition			Coffee break	
10:30		Parallel sessions			Parallel sessions	
12:30		Lunch & visit the exhibition			Lunch	
13:30		Poster session			Parallel sessions	
15:15		Coffee break & visit the exhibition			Coffee break	
15:45-17:30		Parallel sessions			Parallel sessions	
Evening	At leisure	Welcome reception	Networking dinner for students	At leisure	Congress dinner and award ceremony	



## GENERAL INFORMATION

### Venue

#### [Ramada Hotel](#)

Ruppin Bridge at Herzl Blvd  
Jerusalem 91033, Israel

### Language

The official language of the congress is English.

### Letter of Invitation

Upon request, the Secretariat will send a personal letter of invitation to participate in the congress. It should be understood that such an invitation is only meant to assist participants raise travel funds or obtain a visa to enter Israel.

### Visa

All bona fida participants are invited to attend. Participants need to check if a visa is required. We suggest that you check this with your travel agent or on the website of the Israeli Ministry of Foreign Affairs. The congress organizer can provide invitation letters to assist participants obtain visas. Delegates from countries without diplomatic relations with Israel need to apply 3 months prior entry. The congress organizer will assist with their visa application.

### Climate

The weather in Jerusalem in July is hot with highs of 29°C during the day and cooler at night with lows of around 22°C. We recommend bringing light clothing for the day, and particularly for the professional tours. Don't forget your swimming suit as the hotel boasts a lovely outdoor and indoor pool.

### Travel information

Flights are available with El Al Israel Airlines as well as many other international carriers (there are around 70 airlines that fly into Tel Aviv). It is recommended to book your international air travel to/from Ben Gurion International Airport (TLV) with your local travel agent or the internet.



## GENERAL INFORMATION (Cont.)

### Ground Transportation between Ben Gurion International Airport and Jerusalem

As you will have a congress app, you may want to write to your colleagues ahead of time and arrange to share a cab.

- **Taxi Service**

The cost for a one-way trip is approximately US\$90 depending on the time of day and number of pieces of luggage. The trip should take between 40-60 minutes, depending on time of day.

- **Nesher**

Shared transfer service is available from Ben Gurion Airport. There may be a waiting time as the driver only departs when there are 10 passengers. Rate – approximately US\$20.

- **Train**

Take the train to Yitzhak Navon Jerusalem station (rate — approximately US\$ 5). The station is about a 15 min (1.2 km) walk to the Ramada Hotel. Alternatively, you can take the light rail (Jerusalem tram) from the Yitzhak Navon station (fare — approximately US\$ 1.50), which is just one stop away to Kiryat Moshe station. From there, it's a 6-minute walk (550 m) to the Ramada Hotel. Please note that trains and light rail services do not operate from Friday afternoon (approx. 15:00) through Saturday night (resumes at approx. 19:00) for the Sabbath.

Taxis are also available from the train station. Cost dependent upon traffic.

### Important Note

Personal travel, luggage and health insurance are highly recommended. Please purchase this from your local travel agent. Kindly note the organizers cannot be responsible for participants lacking appropriate insurance coverage. All tours are booked on the express condition that Target Conferences shall not be held responsible for and shall be exempt from all liability in respect of any loss, damage, injury or accident, to any person or his or her luggage or any other property, for any reason whatsoever.

## YOUNG SCIENTISTS TRAVEL AWARD

Support is available for scientists from developing countries and students. For details, please refer to the website: [www.iwsc2024.com](http://www.iwsc2024.com)

## CALL FOR ABSTRACTS

Deadline to submit: **JANUARY 15, 2024**

All submitted abstracts will be reviewed for acceptance based on their scientific merit.

The abstract should contain details of the motivation and objectives of the study, a brief summary of methods used, including data and statistical analysis, a summary of the main results and their interpretation and brief conclusions that are supported by the results presented.

Abstracts will be selected for oral and poster presentations. The SPC will do its utmost to schedule presentations according to authors' preference, however this cannot be guaranteed.

### Abstract topics

- Chemical weed management
- Ecological weed management
- Herbicide resistance
- Integrated weed management
- Invasive weeds
- New technology for weed management 1: digital
- New technology for weed management 2: biotechnology
- Non-chemical weed management
- Parasitic weeds
- Plant-soil microbiome & weed management
- Socio-economics of weed management (+ extension)
- Weed biology
- Weed ecology, diversity & ecosystem services
- Weed genomics + weed adaptation
- Weeds & climate change
- Other

### Submission Guidelines

- Abstracts must be submitted using the online submission link via the website. Please do not fax, mail or email your abstract as it will not be considered.
- All abstracts must be submitted in English.
- The names and affiliations of all authors should be included in the abstract.
- Abstracts are limited to a maximum of 300 words (excluding title and affiliations).
- The abstract title is limited to a maximum of 25 words.
- Each presenting author may submit up to two abstracts

### Abstract Changes

You can edit the abstract up until the deadline date, once it has been submitted.

Keep note of your username and password which will allow you to re-enter the system.

## REGISTRATION

Registration must be submitted via the congress website.  
Fees according to the [World Bank Country Groups](#).

Early Bird Valid Until May 1, 2024	A – Upper & High Income	B – Upper – Middle Income	C – Lower – Middle Income	D – Low Income
IWSS member (early bird)	US\$ 750	US\$ 650	US\$ 550	US\$ 500
IWSS member (regular)	US\$ 850	US\$ 750	US\$ 650	US\$ 600
Non-member (early bird)	US\$ 825	US\$ 725	US\$ 625	US\$ 575
Non-member (regular)	US\$ 925	US\$ 825	US\$ 725	US\$ 675
Student* (early bird)	US\$ 400	US\$ 350	US\$ 300	US\$ 250
Student* (regular)	US\$ 450	US\$ 400	US\$ 350	US\$ 300
Accompanying person	US\$ 350	US\$ 350	US\$ 350	US\$ 350

\*Proof of student identification must be included with registration.

Fee for participants include:

- Congress material
- Entrance to sessions and the exhibition
- Coffee at breaks
- 3 lunches on session days
- Welcome reception (July 8)
- Excursion with lunch (July 10)
- Congress dinner (July 11)

Fee for accompanying persons include:

- Welcome reception (July 8)
- Excursion with lunch (July 10)
- Congress dinner (July 11)

## ACCOMMODATION

Accommodation has been blocked at the venue hotel for congress participants as follows:  
The two hotels are joined by an air-conditioned walking bridge.

Hotel	Single room (one person)	Double room (two persons)
Ramada (congress venue)	US\$ 230	US\$ 250
Royal	US\$ 220	US\$ 240
Jerusalem Gate	US\$ 145	US\$ 150
Prima Park	US\$ 145	US\$ 150

Rates are per room, per night, and include bed and breakfast.

Option for sharing accommodation will be provided but not guaranteed.

Accommodation must be booked via the congress website (details included on the registration form).

Participants and accompanying persons will be able to select from one of the following:

**Excursion 1**

**INNOVATION AND HI-TECH AGRICULTURE IN ISRAEL**

- Understand smart farming from weeding robots and drones to pollination, irrigation, fertilization and more
- Learn how hi-tech innovation and invention has bloomed agriculture in Israel
- Lunch en route
- Visit Marsaba [Greek Orthodox monastery] and Qasr al Yahud [baptismal site]



**Excursion 2**

**PRECISION AGRICULTURE IN ISRAEL - FROM THEORY TO PRACTICE**

- Learn how Israel turned desert into production
- Visit a kibbutz [a unique way of communal living] and hear all about their lifestyle
- Lunch at the kibbutz
- A winery tour, with tastings and visit Caesarea [port built by Herod the Great]



**Excursion 3**

**MODEL FARM FOR SUSTAINABLE AGRICULTURE – NEWE YAAR RESEARCH CENTER**

- The Model Farm is used to test, demonstrate and assimilate sustainable agricultural practices and agricultural conservation principles
- A pioneering project in Israel and unique on an International scale
- It will span over 40 hectares and incorporate an almond orchard, field-crop plot, precision-based feedlot and waste recycling site
- Lunch en route
- Visit Nazareth and see some of the sites before returning to Jerusalem



**Excursion 4**

**FROM DESERT TO PRODUCTIVITY – NORTHERN ARAVA R&D RESEARCH CENTER**

- Initiated in 1986 to serve the developmental needs of the new settlements
- Seeing is believing how agriculture is cultivated under arid conditions
- Visit Qumran [where the Dead Sea Scrolls were discovered], the Inn of the Good Samaritan [museum housing ancient mosaics and other archaeological findings]
- Lunch will be included



## PRE- AND POST- CONGRESS TOURS

The following tours are being offered to congress participants:

### Optional Tour A and E

A - Saturday, July 6, 2024

E - Friday, July 12, 2024

#### MASSADA AND DEAD SEA

Full day tour to the Judean Desert, Massada – the Zealots' last stronghold against Rome and a 'dip' in the incredible, therapeutic waters of the Dead Sea.

Approximate times: 08:00-17:30

Rate per person: US\$125

### Optional Tour B and D

B - Saturday, July 6, 2024

D - Friday, July 12, 2024

#### NAZARETH AND CHURCHES AROUND THE SEA OF GALILEE

Full day tour to the Galilee. Commence in the lower Galilee where you will visit the Church of Annunciation in Nazareth. On to the Sea of Galilee for a visit to Capernaum and Tabgha. Time permitting, return via Yardenit Baptismal Site.

Approximate times: 07:30-18:30

Rate per person: US\$115

### Optional Tour C

Sunday, July 7, 2024

#### JERUSALEM – THE OLD AND THE NEW

Full day tour. Start off atop the Mt of Olives for a detailed explanation about the Old City with the spectacular view of the Dome of the Mosque. Walk along Gethsemane and enter the Old City via the Dung Gate. See the Western Wall, some of the Stations of the Cross and visit the Church of Holy Sepulchre. Leave the Old City for a short drive to Mahane Yehuda, the fresh produce market in the New City.

Approximate times: 08:00-17:30

Rate per person: US\$110



All of the above tours are based on a minimum participation of 15 and include pick up and drop off from the official congress hotel, entrance fees as per the itinerary, and an English speaking guide. Rates do not include water, food and beverage and tips for the guide and driver. Tours must be booked via the congress website (details on the registration form).

Should there not be 15 participants, comparable options will be offered.



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**2024**

**9<sup>th</sup> International  
Weed Science  
Congress**



**MARK YOUR CALENDAR!**

**July 7-11, 2024**

See you in Jerusalem



Conference Organizers



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