


International Symposium on Olive Irrigation and Oil Quality

6-10 December 2009 - Nazareth, Israel
Second Circular, May 2009



Recognition of the health qualities of olive oil has led to a dramatic increase in its global consumption. Introduction of irrigation and subsequent water and nutrient management are powerful methods for increasing yields and optimizing olive oil production. There is currently a substantial worldwide phenomenon of plantation of new intensive orchards as well as conversion of traditional rain-fed orchards to irrigation.

However, current knowledge regarding the best practices for irrigation and fertigation of olives, especially regarding aspects of yield, oil quality and environmental pollution, is severely limited. You are invited to participate in an international meeting of olive researchers and professionals for the exchange of knowledge and ideas on issues of irrigation of olives.

The objective of the symposium is to bring together the world's experts in irrigation of olives to share current state of the art knowledge regarding olive cultivation, oil production and oil quality in terms of irrigation water and nutrient management. During the symposium, participants will have the opportunity to get to know the rich olive history of the region and to meet local leading industry of oil production.

Papers presented in the Symposium will be published in a volume of *Acta Horticulturae*, subject to acceptance by the editorial board.

Scientific program

The following topics will be included in the meeting agenda:

- Irrigation of olives
- Alternative (effluent and saline) water for irrigation
- Conversion of traditional rain-fed orchards to full and supplemental irrigation regimes
- Irrigation regimes and scheduling
- Deficit irrigation strategies
- Determination of water requirements
- Irrigation control and monitoring
- Irrigation of high density orchards
- Irrigation - plant protection interactions
- Environmental growing conditions and oil quality /DOP considerations
- Fruit development and physiological responses as a function of water and nutrient status
- Fertilization/plant nutrition
- Oil quality as a function of irrigation and fertilization
- Soil and environmental management

Keynote talks will be given by invited speakers. In addition, we welcome oral and poster submissions.



Conveners:

Shimon Lavee, Uri Yermiyahu

Scientific Committee:

Alon Ben-Gal, Israel; Amos Naor, Israel; Arnon Dag, Israel; Elias Ferreres, Spain; Enrique Fernandez, Spain; Hasan Dweik, Palestinian Authority; Kostas Chartzoulakis, Greece; Luca Sebastiani, Italy; Maurizio Servili, Italy; Ramon Aparicio, Spain; Ricardo Fernandez Escobar, Spain; Rod Mailer, Australia; Saleh Shdiefat, Jordan; Vito Polito, USA; Zohar Kerem, Israel

Local Organizing Committee:

Alon Ben-Gal; Arnon Dag; Ehud Hanoch; Fathi Abd El Hadi; Nurit Agam; Reuven Birger; Zohar Kerem

Invited Speakers**Prof. Shimon LAVEE**

The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Israel

"The revolutionary impact of introducing irrigation-intensification to the olive oil industry".

Prof. Ramon APARICIO

Instituto de la Grasa (Spanish National Research Council), Sevilla, Spain

"Oil quality and irrigated olives".

Dr. Kostas S. CHARTZOULAKIS

NAGREF, Olive Tree and Subtropical Plants Institute, Agrokippio, Crete, Greece

"The use of saline water for irrigation of olives: Effects on growth, physiology, yield and oil quality".

Prof. Ricardo FERNANDEZ-ESCOBAR

Department of Agronomy, University of Cordoba, Campus de Rabanales, Córdoba, Spain

"Use and abuse of nitrogen in olive fertilization".

Prof. Elias FERERES

Department of Agronomy, University of Cordoba, Campus de Rabanales, Córdoba, Spain

"Water requirements and irrigation scheduling".

Dr. Enrique FERNANDEZ

Spanish Research Council (CSIC), currently working at the Instituto de Recursos Naturales y Agrobiología of Seville (IRNAS), Campus de Reina Mercedes, Sevilla, Spain

"Using plant-based indicators to schedule irrigation in olive".

Prof. Luca SEBASTIANI

Scuola Superiore Sant'Anna, Pisa, Italy

"Physiological response to water and nutrients: an overview".

Prof. Maurizio SERVILI

Dipartimento di Scienze degli Alimenti Università degli studi di Perugia, Perugia, Italy

"Innovation in extraction technology for improved virgin olive oil quality and by-product valorization".

Prof. Vito S. POLITO

UC Davis Olive Center, Department of Plant Sciences, University of California, Davis CA USA

"Deficit irrigation, oil production and oil quality in a super high density olive orchard".

Deadlines

15 June 2009 – deadline for abstract submission for oral presentations

15 July 2009 – notification of abstract acceptance

1 August 2009 – deadline for early registration

1 August 2009 – deadline for abstract submission poster presentations

1 September 2009 – final notification of acceptance of poster submissions

1 December 2009 – deadline for full papers submission



Social Events & Tours

Social events

Social events during the symposium will include:

- Cocktail reception
- Gala dinner

Tours (provisional program)

- **1/2-day professional/touristic tour** - December 8th to northern Israel
- **1-day professional tour** - December 10th
Olive research and cultivation: irrigation experiments (RDI, recycled wastewater), intensive cultivation, mechanical harvest.
Jerusalem and vicinity: the 'Olive pillar statue', the Gethsemane church with its 1,500 year-old olive tree, tour in the old city of Jerusalem.



- **1-day post-conference tour** - December 11th (starting and ending in Jerusalem)
 Olive trees in lysimeters in Gilat Research Center, manufacturer of irrigation equipment and drip systems, experimental and commercial cultivation of olives utilizing saline irrigation water in the Negev Desert, tour and lunch in Kibbutz Revivim, the Dead Sea (the lowest place on earth).

Accompanying persons program

The symposium will provide a special program for accompanying persons, which will include all social activities of the symposium (cocktail reception and Gala dinner), the conference tours (one 1/2-day and one full day), and an additional 1/2-day tour. Specific destinations will be announced soon.

Abstract Submission

We encourage submission of abstracts for both oral and poster presentations. Abstracts for oral presentations are due **June 15, 2009**. Abstracts for posters are due **August 1, 2009**. Abstracts will be considered for poster or oral presentation by the scientific committee according to the meeting agenda.

For format and submission guidelines visit http://www.olive-irrigation-symposium.org/en/Content/View/Abstract_Submission

Acta Horticulturae Publication

Papers presented in the Symposium will be published in a volume of Acta Horticulturae, subject to acceptance by the editorial board. Full papers are due **1 December, 2009**. Guidelines for manuscripts preparation are listed in <http://www.ishs.org/wri/pap1.htm>

Registration

Early registration – until August 1, 2009

Late registration – after August 1, 2009

Full registration fee includes the symposium proceeding, coffee breaks and lunches, all social events and tours (excluding post-conference tour). Pricing of post-conference tour will be made according to number of participants.

	<i>Early registration</i>	<i>Late registration</i>
Full participation		
Regular	\$370	\$430
Student	\$185	\$215
One day registration		
Regular	\$135	\$160
Student	\$70	\$80
Accompanying person program	\$120	\$160

Download registration form from and see submission instructions

<http://www.olive-irrigation-symposium.org/en/Content/View/Registration>



Conference Venue

The meeting will be convened in Nazareth, Israel. The city of Nazareth, located in the heart of northern Israel's traditional olive growing region, lies on the southern edge of the Galilee. Winding roads, picturesque red roofs and white stone churches characterize Nazareth's sloping landscape, the summit of which overlooks the panorama of the entire Jezreel Valley.

Being the cradle of Christianity, Nazareth is a city of religion and spirituality, rich in history, fascinating archeology, modern culture and Middle Eastern charm. Contemporary Nazareth is home to Christians, Muslims, and Jews alike. Visitors find an exciting Middle Eastern ambiance with exotic flavors and textures, imbued with the famed warm and friendly hospitality of the Arab population, fascinating and lovely corners, and dozens of restaurants serv-



ing delicious foods with wonderful aromas.

The symposium will be hosted by the refurbished Golden Crown Nazareth hotel, situated alongside the Mount of the Precipice, at the entrance to the city.

Accommodation

The meeting will be convened at the Golden Crown hotel, Nazareth

Special prices have been arranged for the symposium's participants:

Single room: \$100*

Double room: \$122*

*Not including up to 15.5% state tax, prices after August 1st are subject to the hotel's policy

Visa to Israel

Israel has an open door policy for all bona fide scientists, irrespective of citizenship. Visas are required from certain countries. Personal invitation letters will be issued upon request. Please allow at least two months for processing.



Transportation from the airport to the meeting venue may be arranged upon request. For details please contact Alexa at:

alexsa@platinum-tours.com

Transportation

Contact us

Conference website:

www.olive-irrigation-symposium.org

For scientific questions and queries:

Conference secretariat: olive.irrigation@agri.gov.il

For registration and accommodation details:

Platinum-Tours: alexsa@platinum-tours.com