

# First International Conference on SOLAR ENERGY SOLUTIONS FOR ELECTRICITY AND WATER SUPPLY IN RURAL AREAS



## THE AMERICAN UNIVERSITY IN CAIRO

October 7 - 10, 2015

This conference aims to showcase and discuss promising approaches and applications for different types of renewable energy as sustainable solutions for rural populations with no access to centralized power and water supply. The focus is on solar electricity and its economic applications for village electrification and the supply of safe drinking water. In addition to photovoltaic solutions, small wind generators as well as small hydro and biogas systems for heat and electricity generation will be discussed.



For over a billion people around the globe, safe drinking water and sustainable energy are still unavailable. Despite numerous announcements and ambitious plans by national and international organizations, this situation has improved very little over the past 30 years. During the same timeframe, renewable energies have undergone impressive advancements, both in terms of the development of mature technologies and in their economic competitiveness with fossil fuels. This has given rise to new and more economic applications for rural development.

 **THE AMERICAN UNIVERSITY IN CAIRO**  
الجامعة الأمريكية بالقاهرة  
Research Institute for a Sustainable Environment

## Topics

Papers are invited on the following topics:

### Presentations\*

1. Sustainable systems for the supply of safe drinking water
2. Village electrification systems based on renewable energy
3. Renewable energy for water pumping and irrigation systems
4. Practical examples of renewable energy solutions in rural and urban environments

### Panel Discussion

- Financing models for the dissemination of solar energy solutions

### Workshop

- Cooperation of government agencies, NGOs and the private sector in developing renewable rural energy solutions

\*Submit paper abstracts by **July 31<sup>st</sup>** via email to **[rise@aucegypt.edu](mailto:rise@aucegypt.edu)**. Instructions for submission are available [here](#).

Abstracts will be reviewed by members of the Conference Advisory Board.

Please check our [facebook event](#) for updates.

Organized by the Research Institute for a Sustainable Environment (RISE),  
AUTARCON and SolarInput

**AUTARCON**

 **SolarInput**

## Conference Program

**October 7 - 8:** Conference and Visitors' Center, AUC New Cairo, AUC Avenue (End of Road 90), Fifth Settlement, New Cairo  
**October 9 - 10:** Field Trip to El Heiz Oasis, Western Desert (south of Bahariya Oasis, 400 km from Cairo)

Conference			Excursion			
TIME	Wednesday, October 7 AUC	Thursday, October 8 AUC	TIME	Friday, October 9 Field Trip: El Heiz	TIME	Saturday, October 10 Field Trip: El Heiz
9:00 - 10: am	Registration	<u>Presentation Session</u> Practical Examples of Renewable Energy Solutions in Rural and Urban Environments	7:30 am	Departure for El Heiz from AUC	8:00 am	Breakfast
10:00 - 11:00 am	Welcome Ceremony and Keynote Address		8:00 am	Departure for El Heiz from Sakanat El Maadi	9:00 am - 12:00 pm	Workshop on Rural Solar System Implementation with Community Members of El Heiz Oasis
11:00 - 11:30 am	Coffee Break	Coffee Break	1:00 pm	Arrival in El Heiz		
11:30 am - 1:00 pm	<u>Presentation Session</u> Sustainable Systems for the Supply of Safe Drinking Water	<u>Panel Discussion</u> Financing Models for the Dissemination of Solar Energy Solutions	1:00 - 2:00 pm	Lunch	12:00 - 1:00 pm	Lunch
1:00 - 2:00 pm	Lunch <i>Foyer</i>	Lunch <i>Foyer</i>	2:00 - 3:00 pm	Introduction to AUC and Tanweer El Heiz Solar and Sustainable Community Development Projects	1:00 - 3:00 pm	Field Trip to Karm Solar Project Near Bahariya Oasis
2:00 - 3:30 pm	<u>Presentation Session</u> Renewable Energies for Water Pumping and Irrigation Systems	<u>Workshop</u> Cooperation of Government Agencies, NGOs and the Private Sector in Developing Renewable Rural Energy Solutions	3:00 - 5:00 pm	Tour of Solar Energy, Water Conservation and Community Development Projects in El Heiz	3:00 pm	Departure for Cairo
3:30 - 4:30 pm	Networking Coffee Break – International Café	Coffee Break and Poster Presentations	7:00 pm	Dinner	8:00 pm	Arrival in Cairo
5:30 - 8:00 pm	Conference Dinner (Registration Required)		7:00 - 8:30 pm	Workshop on the Design of Solar Energy Solutions for Rural Environments		

## Call for Papers and Posters

Papers and posters on the following topics are invited:

- Sustainable systems for the supply of safe drinking water**
- Village electrification systems based on renewable energy**
- Renewable energies for water pumping and irrigation systems**
- Practical examples of renewable energy solutions in rural and urban environments**

Papers will be presented orally during the presentation sessions. All accepted papers will be published in the proceedings volume. Presenters should be ready to participate in a panel discussion.

At the end of June, participants will receive an email with the results of the evaluation. If an abstract is accepted, the presenter is automatically registered for the conference, and it is impossible to withdraw participation. Accepted participants must upload a manuscript that is ready for printing.



Please check paper format guidelines here:

## Logistics

Visit the conference website for suggestions regarding travel and accommodation. New Cairo is located about 40 kilometers to the east of Downtown Cairo. There will be bus service to and from the conference from AUC Tahrir Square in Downtown Cairo, as well as from AUC New Cairo to the conference dinner and back.

## Fees

Participation in all sessions held at AUC, coffee breaks and lunches are included:

Registration Type	Regular	Early bird (by July 30)
Non-Egyptian	\$200	\$150
Egyptian	LE 1,000	LE 800
Non- Egyptian Presenters	\$100	\$75
Egyptian Presenters	LE 500	LE 400
Non-Egyptian Students	\$100	\$75
Egyptian Students	LE 400	LE 300
AUC Students	LE 300	LE 200

Conference Dinner LE 300

Two-day excursion to El Heiz Oasis including transportation, accommodation, guided tour, workshop and full board (latest registration by September 30):

Non-Students	\$130 /LE 1,000
Students	\$100/LE 700



## Registration

**First International Conference on  
Solar Energy Solutions for Electricity and Water Supply in  
Rural Areas**

- ☐ **I will participate**
- ☐ **I will submit a paper**
- ☐ **I will participate in the conference Dinner**
- ☐ **I will participate in the excursion**
- ☐ **Interested in exhibition**
- ☐ **Interested in sponsorship**

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Family name	First name, Mr./Mrs./Ms./Dr./Prof.
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Phone	Fax
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Email	
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Department/Position,	Company/Institute
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Signature	



Submit the registrationslip at RISE,  
fax to +20 2 2618 8038, or register online [here](#)

Payment at online registration is possible with paypal, credit card and bank transfer. Credit card and bank tranfer charges are born by the participant. Bank transfer payment has to be transferred within 14 days after registration to validate registration. No cancellation possible. Tickets can be transferred to another person if notified with new name within 48 hours before conference start.

**Commercial International Bank**, Hoda Shaarawi Branch, Cairo  
Swift Code: CIBEEGXX005

Account Name: American University in Cairo  
US Dollar A/C No: 0510300130 Reference: Solar Conference Cairo

## Exhibition

The conference offers the possibility to showcase conference-related technologies, services and projects on the exhibition space.

### Who should exhibit

- Project developers
- Water treatment experts and companies
- Renewable energy equipment manufacturers and distributors
- Renewable energy and technology consultants
- Organizations and agencies

Stand Fees	Small Stand 4 m <sup>2</sup>	Medium Stand 8 m <sup>2</sup>	Large Stand 12 m <sup>2</sup>
Non-Egyptian	\$300	\$500	\$750
Egyptian	LE 1,000	LE 1,700	LE 2,500

Each exhibitor will receive one delegate ticket for participation in the conference. Exhibitors will be allocated one page for commercialization in the conference proceedings.

\* Exhibitors will be assigned space in the foyer with electric connection. Design and configuration of the stand is the exhibitor's responsibility.

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