



**FIRST INTERNATIONAL CONFERENCE ON
ENERGY AND INDOOR ENVIRONMENT FOR HOT CLIMATES**

www.ashrae.org/HotClimates

**SECOND ANNOUNCEMENT AND
CALL FOR PAPERS**

February 24 - 26, 2014, Doha, QATAR

ORGANIZED BY

- ASHRAE
- ASHRAE Qatar Oryx Chapter
- Qatar Environment and Energy Research Institute (QEERI)

INVITATION

Invitation is extended to the international HVAC Professionals to attend the Conference on Energy and Indoor Environment for Hot Climates.

WHY YOU SHOULD ATTEND

This conference will be the first to tackle energy and indoor environmental quality (IEQ) issues in humid and arid hot climates.

The scope of the conference is to provide a forum for discussion of the latest research and development in the field of indoor environmental quality in high ambient temperature climates.

CONFERENCE OBJECTIVES

Rising energy demand, costs and the associated environmental problems, notably climate change, are causing increased emphasis on the design of energy efficient heating, ventilation and air-conditioning (HVAC) systems. Targeting energy efficiency in HVAC systems that provide thermal comfort and good indoor environmental quality is a strategic intervention to reduce energy consumption in the building sector.

The issues associated with IEQ in hot climates, both humid and arid, are not getting enough attention and the goals of energy efficiency and good IEQ need to be properly integrated.

The objective of the conference is to lay down the path for better understanding the integration of energy efficiency and IEQ in the high ambient temperature regions. The impact of low-energy design on occupant health in different building sectors, for both developed and developing economies is the focus of the conference.

CONFERENCE TOPICS

The topics will include but not limited to:

- Indoor Environmental Quality Systems
- Lessons Learned from IEQ Systems in Developing Countries
- Air-conditioning and Refrigerating Systems
- Sustainability in Buildings
- Energy and Sustainable Development
- Healthy Indoor Environment Protocols
- Renewable Energy Technologies
- Indoor Environmental Pollution Sources
- Air Cleaner Performance
- Advances in Filter Materials
- Low Emitting Materials for Better IEQ
- Standards, Codes and Regulations

VENUE AND DATES

The Conference will be held in one of the five-star hotel in Doha, Qatar, February 24 – 26, 2014.

CONFERENCE LANGUAGE

The official language of the conference will be English.

PANEL DISCUSSIONS

Panel discussions will be organized with experts and decision makers where recommendations and ideas of research can be generated for better design and preserving healthy environment.

KEYNOTE SPEAKERS

Several Keynote speeches will be delivered during the conference representing different aspects of the technical scope of the conference and who have an excellent record and experience on the subject of Indoor Environmental Quality and Energy Efficiency.

CALL FOR PAPERS

To contribute to the success of the conference and to the development of new policies and strategies, we invite you to participate in the conference. Interested authors are invited to submit technical, non-commercial abstracts on the topics related to, but not limited to, the topics mentioned above not later than April 30, 2013. The abstract should not exceed 400 words. In addition, five (5) keywords are requested. Authors will be able to submit their abstracts online at www.ashrae.org/HotClimates.

Authors will be notified of the acceptance of their abstracts by May 15, 2013. Full papers are to be submitted, in PDF format, prepared using the ASHRAE template and based on the guidelines for preparing the manuscripts, only after the acceptance of abstracts. The complete text of the paper should be submitted by August 30, 2013 on the conference template that will be provided. The Scientific Committee of the conference will peer review the papers.

WHO SHOULD ATTEND?

Participants to the conference will be professionals whose work is primarily involved in hot climates, both humid and arid, in the design of energy efficient buildings and systems, design of indoor air and indoor environmental quality in buildings, as well as main stakeholders and building owners.

- Consulting Engineers
- Building Owners
- Industry Representatives and Manufacturers
- Relevant International Associations/Organizations
- Environmental and Non-Governmental Organizations
- Researchers and Scientists
- Governmental Representatives
- Educators and Researchers

DEADLINES

1. Submission of abstract – April 30, 2013
2. Notification of acceptance of abstract – May 15, 2013
3. Submission of complete manuscript – August 30, 2013 (Using ASHRAE template that will be provided)
4. Final acceptance – October 15, 2013
6. Camera-Ready manuscript – December 1, 2013

CONFERENCE PUBLICATION

The conference papers will be available on CD. Authors will be invited to submit significantly updated versions of their papers ASHRAE's *HVAC&R Research* journal.

TRAVEL, ACCOMMODATIONS and REGISTRATION

Participants are responsible for their travel and hotel accommodation. Free accommodation for three nights will be provided to the authors presenting papers. The registration fee is \$300, which includes meals.

CONFERENCE CORRESPONDENCE

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SCIENTIFIC COMMITTEE

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