



Preliminary Call For Papers
(A more detailed call for papers will be announced soon)

**International Conference on Renewable Energies for
Developing Countries
REDEC 2012**



November 28 – 29, 2012
Beirut

Conference venue:

Science, art, culture & entertainment give an insight into the social life of the capital city of Lebanon. Beirut is a melting pot of several cultures. Arabic traditions, oriental and western influences offer a perfect blend of a specific society in the world. Art has formed an integral part of Beirut's history. Oldest universities in the Middle East region were established in Beirut. This wonderful city will be the conference venue.

Conference Objectives:

Some developing countries are actually active in the domain of exploiting renewable energies. They are doing efforts in order to progress toward a green future. They tend to be in conformity with international requirements to protect the environment. Also, some projects are implemented in these countries in order to reduce their external energy dependence. Although the willingness for introducing renewable energies is apparent, there are still important economical constraints preventing them from investing in this hot area. National strategies in these countries need to be enforced with more appropriate technical solutions and more accurate data acquisition of resources. A common vision among national stakeholders in the domain of renewable energies should be considered. Laws and regulatory issues need to be more adapted. The conference aim is to benefit from international experience and discuss innovative scientific solutions adapted to the developing countries situations. Researchers from local and foreign universities will suggest during this conference solutions for specific problems. Professionals will find the opportunity to know about the most efficient way for investing in renewable energies in these countries. Case Studies on successful solutions and on supporting programs will be presented. The adaptation of laws and regulations will be discussed for an easy penetration of renewable energies in developing countries.

Conference Topics:

1. Renewable Energy resources in developing countries (wind, solar, biomass, hydraulic, geothermal, waves, tidal...)
2. Technologies related to Renewable Energy sources in developing countries (state of the art, technological solutions, successful applications, lowered barriers...)
3. Energy saving and energy efficiency measures (energy conversion, power electronic conversion and compensation, energy storage, energy efficient buildings ...)
4. Energy management (simulation software, smart buildings, smart grids...)
5. Policy, regulations and laws related to an effective penetration of Renewable Energies in developing countries (solutions, incentive measures, successful examples, investment and financial mechanisms, released constraints...)
6. Capacity and institutional building for the specific needs of Renewable Energy penetration in developing countries (knowledge transfer, development of institutional structures...)
7. Educational and research programs in the domain of Renewable Energies (technical, undergraduate, master, higher education, research...)
8. Regional & International supporting programs for renewable energies penetration in developing countries (CTF, UFM, TRANSGREEN, MEDGRID, DESERTEC, RESSOL, CLEAN ENERTEC, ALGUE...)

Preliminary conference program:

Day 1: Keynote speakers, papers presentations, poster session, gala dinner.

Day 2: Keynote speakers, papers presentations, supporting programs, discussions.

Organizing Committee:

Members of the organizing committee are from:

- UL (Lebanese University)
- USJ (St. Joseph University)
- NDU (Notre Dame University)
- ALMEE (Association Libanaise pour la Maitrise de l'Energie et pour l'Environnement)
- NERC (Jordanian National Energy Research Center)
- CRES (Center for Renewable Energy Sources and Saving)
- Fraunhofer ISE (Institute for Solar Energy Systems)

Technical Committee:

The technical committee is formed of international reviewers active in research and renowned for their scientific and professional outcomes in the domain of renewable energies.

Important dates:

Early papers submission: before May 19, 2012.

Deadline for submissions: June 30, 2012.

Notification of acceptance for early submitted papers: August 25, 2012.

Final notification of acceptance: October 6, 2012.

Deadline for submission of camera ready accepted papers: October 27, 2012.

Conference dates: November 28 – 29, 2012.

Contact for information, for submissions of early papers and keynote presentations:

Conference Coordinator

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