

# CALL FOR PAPERS

10<sup>th</sup> – 13<sup>th</sup>, April 2014  
Beirut-Lebanon

TMREES14  
INTERNATIONAL CONFERENCE

## Technologies and Materials for Renewable Energy, Environment and Sustainability

[www.eumisd.org](http://www.eumisd.org)

The International Conference on Technologies and Materials for Renewable Energy, Environment and Sustainability (TMREES14) organized by the Euro-Mediterranean Institute for Sustainable Development (EUMISD) will be held in April 10-13, 2014 in Beirut, Lebanon. TMREES14 has a main objective to promote sustainable, healthy and diverse ecosystems; encourage and support the national energy security systems through development of green-based and other renewable resources and processes, bringing together participants from international research centers, universities, industry and administrative organizations around the world to exchange innovative and novel ideas, explore enabling technologies, share field trial experiences in sustainability issues and to open a new window on the circumstances of the classical energy sources and their harmful impact on the society.

### Important Dates

07<sup>th</sup> of December 2013: Submission of full paper deadline.

16<sup>th</sup> of December 2013: Notification of paper status deadline\*.

16<sup>th</sup> of January 2014 : Early Bird registration deadline.

16<sup>th</sup> of February 2014 : Normal registration deadline.

\* Notification of full paper status will be also delivered 2 weeks after each Submission

### Publishers

All accepted papers will be published in:

SciVerse ScienceDirect



Official Publisher

Energy Procedia (Elsevier): SJR(2011) = 0.807  
(SJR=Scientific Journal Rankings by SCOPUS)

### Contact

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The TMREES14 international conference has a general philosophy to gather the global research community, discuss, present and to network the latest developments and innovations in sustainability. The conference Topics Include:

### Photovoltaic Solar Energy Advanced Material Studies

Photovoltaic Materials, New Materials, Nanomaterials, new substrates, Nanotechnologies, new Design and Concepts for PV Cells and Modules,

Fundamental & Theoretical Material Studies, Modelling & simulation, Liquid Crystals, Semiconductors, Superconductors, III-V & concentrator cells for PV Solar application

### Solar Energy New Technologies and Applications

Thin Film solar cells (Silicon, CdTe, CIS)  
Solar Cells/ Modules/PV-Systems for Space Applications. Organic-based PV, Polymer PV, dye-sensitized cells/modules.

PV Systems and components, PV System Reliability and Availability. PV and Architecture, integration in buildings and urban planning.

Photochemical Solar Energy Conversion, Photothermal Devices

Crystallization, Wafering, advanced production technologies for silicon and wafers. Manufacturing Issues and Processing, waste treatment, safety.

Microelectronics for Photovoltaic. Characterization of materials and devices, testing, measurements, quality and aging, reliability aspects.

Smart grids / Innovative systems with storage, Power electronics (components and applications), Power Quality issues, Solar panel Optimization techniques.

### Renewable Sources of Energy

**Wind energy;** Offshore wind energy-Potential, challenges and state-of-the-art, Technical developments.

**Bioenergy;** Conversion technologies, Operational and logistical challenges, Techno-economic considerations, biomass and waste.

**Biofuels;** biorefinery, Thermochemical and Biochemical conversion.

**Hydropower;** Technology, Integrated water and energy management.

**Marine;** Salinity difference power source.

### Energy management and Sustainable Environmental Development

Energy Engineering for Storage-Saving-Management Technologies, Energy Transmission and Distribution, Production and Efficiency Electricity Networks of the Future, Power and Energy Generation

Hybrid and Integrated Energy System, Power Systems and Automation, Energy Policy, Planning & Management laws

Industrial waste treatment, Air pollution control and equipment, Pollution prevention in industry, Water pollution and treatment

Environmental technologies, Climate Change, emissions and Global Warming, Contribution of technology to sustainability, Sustainable built environment, Ecotoxicity

Sustainable development and planning, Natural resources management, Soil contamination and recovery, Landscape development and management, Green economy, Future Markets, Business Opportunities.

### Papers submission

Authors wishing to participate to the TMREES14 Int. Conference Program are cordially invited to submit electronically their paper(s) as pdf file in English for oral and poster contribution through the [Conference Management System](#).

Conferences language is English. Only English written papers are accepted

Papers must be formatted according to the [Publisher's Template](#), not exceeding **eight pages**, of original research work which is **NOT submitted/published/under consideration anywhere in other conferences/journal**.

Each paper will be reviewed by at least two independent experts from an international scientific committee. Papers are reviewed on the basis that they **do not contain plagiarized material**.

### Registration

	Early Bird Before 16/01/14	Normal Before 16/02/14
	EUR	EUR
<b>Academic &amp; Student Authors</b>	<b>390</b>	<b>465</b>
<b>Non-Academic Attendee</b>	<b>300</b>	<b>375</b>
<b>Student Attendee only *</b>	<b>275</b>	<b>350</b>

Each accepted paper in order to be published must have at least one **paid registration at an Author rate**.

(\* Student registration **cannot be used** to cover **paper registration and publication**.

### Fees cover:

- Attendance to all conference sessions
- Review of the paper, its presentation and publication in one of the conference journals.
- Conference Pack (Bag, Accessories, Conference materials, e-Proceeding)
- Certificate of attendance (and presented paper for presenters)
- Welcome reception, Lunches, Coffee Breaks, Conference banquet Dinner
- Social Program

### Registration & cancellation:

- **Each accepted paper in order to be published must have at least one paid registration at an Author rate.**
- (\*) **Student registration** rate are valid for conference attendance only
- Each additional paper for the same 1st author **will be charged 150 EUR**.
- After 16/02/2014 all registration will be charged an additional **95 EUR**.
- Please ensure **all bank charges are borne by the participant**.
- **Cancellation policy:** If provided written cancellation is received before January 16<sup>th</sup> 2014, **50%** of the fees will be refunded minus bank charges. No refunds will be given after January 16<sup>th</sup> 2014.

### Committees

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Chafic SALAME, Lebanon  
Michel AILLERIE, France  
Panagiotis PAPAGEORGAS, Greece

#### Organizing Committee

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