WEEC 2013
7th WORLD ENVIRONMENTAL EDUCATION CONGRESS
MARRAKECH JUNE 9 – 14, 2013
SIDE EVENTS

www.weec2013.org
Food security and climate change: Planning Mediterranean sustainability
Organized by: Turin University (http://www.unito.it/)

- This side event will be an opportunity for networking and exchange for UNESCO Chairs in the Mediterranean basin on the environment and sustainable development, with the various environmental education players in the WEEC network.

- It aims to bring together the status of research and latest thinking, and provide ideas that can contribute to a better understanding of issues related to environmental education and the development of relevant action programs.

- Five main topics will be discussed during the conference:
  1) Food security;
  2) Water and desertification;
  3) Urbanization;
  4) Collaborative governance for public goods

This event will bring together several experts, UNESCO Chairs and academics from Sudan, France, Belgium, Russia, Italy etc.
Mainstreaming Environment and Sustainability in African Universities (MESA)

- The recent African Ministerial Conference on the Environment (AMCEN) held in Arusha, United Republic of Tanzania in September 2012 called for the development of a regional action plan on education and environmental education.

- This event will be an opportunity to present and discuss the draft regional plan of action for consideration and adoption by AMCEN

- It will also focus on reviewing the progress of the MESA program over the past year, and the MESA 2013 work plan.

This event is facilitated by:
- Heila Lotz - Sisitka, Rhodes University, South Africa
- MESA Chairs
- Association of African Universities (AAU)
- MESA Representatives from East, Central, West, South and North Africa
Global Universities Partnership on Environment and Sustainability (GUPES)
Organized by: UNEP (http://www.unep.org/training/programmes/gupes.asp)

- GUPES: A platform initiated in June 2012 by the UNEP Environmental Education Training Unit, which aims to support innovative approaches to education, training, networking, and sustainable practices and programs in universities for environmental education.

- The event will provide an opportunity to exchange and share information on this initiative for the participating universities, to examine the progress made by GUPES over the past year and development prospects.

Event facilitators:
- Mahesh Pradhan, Head of the Environmental Education Training Unit, UNEP
- Heila Lotz-Sisitka, Rhodes University, South Africa
- Orlando Sáenz, Universidad de Ciencias y Aplicadas Ambientales, U.D.C.A., Colombia
- Rolf Baur, TU Dresden, Germany
- Prof. Wang-Tongji, Li University, China
- Participants from North America, and West Asia
Education on sustainable waste management
Organized by: SWEEP NET-GIZ (Regional network for information and expertise in Mashreq and Maghreb countries on solid waste management - http://www.sweep-net.org)

The workshop discussion will be an opportunity to present the SWEEP-Net network and its action programs, in particular the work by the regional group on public awareness, including education and community participation in solid waste management, as well as tools and informational materials developed in this area.

Event facilitators
- Escander Nagazi and Julia Koerner, SWEEP-Net
- Dominique Thaly, GIZ
- Paul Abi Rached; President and Director of T.E.R.R.E. Lebanon (Eco-citizen NGO)
Dissemination tools for good environmental practices
Organized by: Cadi Ayyad University (UCA) (http://www.uca.ma)

This event presents the various aspects of the Cadi Ayyad University’s contribution to the dissemination of environmental culture through:

- Education by offering several licences and masters degrees on this subject,
- Research with the involvement of thirty research structures on topics related to environmental protection
- Concrete efforts at various towns and schools
- A strong link with civil society used as a conduit to transmit the research results and materialize them in the field.

Event facilitators
Speaker 1: UCA students representing several Licences and Masters degrees on the environment.
Speaker 2: Professor Mustapha Aichane, Professor of geography
Speaker 3: Professor Ahmed Chehbouni, Professor at UCA, President of CDRT
Speaker 4: Professor Mohamed Ghamizi, Professor of Ecology and Hydrobiology, President of the Scientific Council for the Natural History Museum

Associations:
- Center for the Development of the Tensift Region (CDRT)
- Association of Life and Earth Science Teachers (AESVT)
- Association Friends of the Museum
Green Economy: Experiences and prospects for Morocco’s private sector
Organized by: CGEM-CMPP (http://www.cmpp.ma)

This workshop will be an opportunity to discuss the status and development prospects for the private sector within the framework of implementing the green economy.

In this context, the following will be presented:

- The Social Responsibility label (RSE) for CGEM companies
- The Moroccan Cleaner Production Center (CMPP) experience in supporting businesses and training
- Successful projects and experiences, and testimonies by the private sector on the RSE label and applied cleaner production

Event facilitators
- Mr. Said Mouline, President of the CGEM Green Economy Commission
- Mr. Ryad Mezzour, Vice-President of the Green Economy Commission
- Mr. Said Sekkat, President of the RSE Commission & Labels
- Ms. Hanan Hanzaz, Managing Director of Moroccan Cleaner Production Center (CMPP) (Centre Marocain de Production Propre)
- Ms. Fatima Zahra Kadiri, Managing Director of Association Al Jisr
- Mr. Abderrahmane Khalil, Director of Sustainable Development, Base Metals and Cobalt Branch, MANAGEM
The Islamic Academy for the Environment and Sustainable Development in Morocco

This event will present the Islamic Academy for the Environment and Sustainable Development in Morocco.

The academy will be dedicated to research and training on the environment, including through Master and PhD programs.

Event facilitators
- Representatives from ISESCO and the Ministry of Energy, Mines, Water and Environment – Department of Environment
The environment and reduction of natural hazards
Workshop organized by: UNEP

This workshop will present the work developed by UNEP in the mitigation of natural disasters and risk reduction in partnership with the Department of Environment and Risk Reduction (PEDRR) and the Center for Natural Resources and Development (CNRD).

This course is taught in several universities around the world and especially targets the university teaching staff and students who are interested in the issues surrounding the management of natural ecosystems.

Event facilitators
- Professor Dr. Lars Ribbe, Cologne University of Applied Science, Germany, Professor of Integrated land and water resources management
- Dr. Karen Sudmeier, consultant to UNEP
- Dr. Udo Nehren, Cologne University of Applied Science, Germany, researcher and speaker in ecosystem management
- Dr. Marwa A. Khalifa, Ain Shams University, Cairo, Egypt, Associate Professor of planning and impact studies of urbanization on the environment
- Simone Sandholz, Innsbruck University, Austria, researcher and professor in urban risk & human quality of life
- Dr. Danang Sri Hadmoko, Gadjah Mada University, Yogyakarta, Indonesia, researcher and professor of geographic risk management
- Ajay Chandra Lal, Tribhuvan University, Katmandou, Nepal, Assistant Professor and researcher in urban planning, natural hazards and climate change
The press and the environment, an educational opportunity for all
Organized by: Cultural Café Journalists Association (Association Culturelle Café des journalistes)
Turin, Italy / Young Reporters for the Environment program (www.jeunesreporters.org.ma) and
Capacity building for your professionals in environmental communication (www.rcmdd.ma)

This event will focus on the role of the press in information and communication for environmental education.

It will be a discussion opportunity for journalists at the international level in different countries and types, and at the national level with the involvement of high school students in the Young Reporters for the Environment program and journalism and communication professionals.

Event facilitators
Cultural Café Journalists Association, Turin, Italy
Ms. Houda Mouhine, Medi 1 TV
Mr. Hassan Bouadghrrarn, National Radio and Television Company (SNRT)
Young Reporters for the Environment
The issue of coastal urbanization interactions and marine environment preservation
Organized by: ECOREM - platform for exchange and sharing of resources across the
Mediterranean to implement joint projects (http://ecorem.fr)

- Over 60% of the world's population lives on a 60 km strip of land near the coast. The largest
  megacities in the world extend over long distances along the coastline.

- Coastal urbanization contributes to the process of coastal development, which destroys the
  seabed’s natural habitat. Uncontrolled urban density has a considerable impact on the marine
  environment through habitat destruction, pollution by direct discharge or leaching during the rainy
  season, as well as the impact of desalination plants in countries where water scarcity is increasing.

- This workshop will enable all stakeholders to discuss and debate the issues of the interaction
  between coastal urbanization and preservation of the marine environment.

Event facilitators

- Mr. Jean Louis Baude, project coordinator and ECOREM platform coordinator, Director of CPIE CP
- Ms. Melanie Michel, network facilitator in charge of ECOREM and the project site
- Ms. Lisa Bernardin, project manager (citizen observatory) in charge of event logistics, round tables and fundraising
- Mr. Eric Jourdan, project manager and meeting facilitator
Urban ecological development: Green City
Organized by: Office Chérifien des Phosphates (OCP) and the Green Planning and Development Company (SADV) (Société d'Aménagement et de Développement Vert) (http://www.ocpgroup.ma/)

- SADV currently supports two OCP flagship projects, the Mohammed VI Green City in Benguerir that embodies a center of academic excellence, the Mohammed VI Polytechnic University, and the Green Mine in Khouribga.

- Like the major eco-city projects in the world and thanks to OCP’s strong commitment, Morocco is participating in the dynamics of cities of the future through these new urban centers.

- The WEEC side event organized by OCP and SADV will focus on two main themes: sustainable development in the Mohammed VI Green City and environmental education.

Event facilitators

-Mr. Youssef Safouane, Green City project manager: SADV Representative
This side event aims to present the sustainable development flagship projects conducted by ONEE for Renewable Energy and Liquid Sanitation.

**Event facilitators**
- Fadila Benosmane, Director of Sanitation and Environment
- M. Tarik TAKI, Division Chief - Hydraulic Engineering and Renewable
- M. Mohamed Jawad SALHI, Head of Main "Pro Energi" project
Environmental protection projects
Organized by: Ministry of Housing, Urban Planning and City Policy (http://www.mhu.gov.ma)

This workshop will be an opportunity to present and inform the public about:

• Efforts towards environmental protection and promoting green growth in the housing and urban planning sector

• The territorial approach and the challenges of sustainable development of territories

• Environmental protection and enhancement in the territorial planning documents

• Energy efficiency in housing projects

Event facilitators
Central officials of the Ministry of Housing, Urban Planning and City Policy

Tuesday June 11, 2013
5:30 p.m. – 7:30 p.m.
Room: Karam 4
Planning for the Future of Education for Sustainable Development
Organized by: UNESCO  (http://www.unesco.org)

• Based on the Rio +20 results, this roundtable side event presents current and prospective plans for Education for Sustainable Development (ESD) following the United Nations Decade of Education for Sustainable Development (DESD) 2005-2014, for which UNESCO is the lead entity.

• There will also be an opportunity to involve the different WEEC network stakeholders in the implementation of a future framework for the Education for Sustainable Development program.

Event facilitators

Michel Ricard, Professor, UNESCO Chair, University of Bordeaux, France; member of the International Steering Group for the UNESCO World Conference on ESD in 2014
Daniella Tilbury, Professor, University of Gloucestershire, United Kingdom; Chair of the UNESCO Monitoring and Evaluation Expert Group for the DESD
Mario Salomone, Secretary-General, WEEC
Alexander Leicht, Chief, Section of ESD, UNESCO
UNEP representative
UNICEF representative
Moderator: Heila Lotz-Sisitka, Professor, Rhodes University, South Africa; member of the DESD Reference Group
Exchange of experiences and know-how about tools and mechanisms for youth education on the environment and sustainable development
Organized by: ISESCO (http://www.isesco.gov.ma) in partnership with the Mohammed VI Foundation for Environmental Protection (www.fm6e.org)

This workshop on the exchange information for youth environmental education tools is organized in partnership with ISESCO and the Mohammed VI Foundation for Environmental Protection. It aims to:

- Promote environmental education programs in the ISESCO member countries
- Exchange experiences and successful models related to environmental education at the national, regional and international levels
- Federate stakeholders involved in environmental causes around common regional projects, particularly for the environmental education of youth

Event facilitators
- Mr. Mohamed Ftouhi, Professor at the Faculty of Education Sciences and President of the Moroccan Club for the Environment and Development (CMED)
- Dr. Magdy Mohamed ALLAM : Professor, PhD in Public Health from the Ain Sham University of Environmental Sciences Mr. Ali Shahbaz, Pakistan Youth Delegate, UNCSD-Rio+20 / Youth Ambassador: SDPI
- Dr. Abdellah Ennaouaoui Laouina, UNESCO-GN Chair in environmental management and sustainable development, professor at Mohammed V University
- Participation by Young Reporters for the Environment contributors under the Young Reporters for the Environment program
Wednesday June 12, 2013  
5:30 p.m. - 7:30 p.m.  
Room: Karam 2  

Training status and prospects in environmental engineering at ENIM  
Organized by: National School of Mineral Industry (ENIM) (Ecole Nationale de l’Industrie Minérale)  
(www.enim.ac.ma)  

• This workshop will share and discuss models and experiences in environmental education on i) State engineering education and continuing education, ii) research development and promotion, iii) promoting an environment-based economy through the incubation of innovative projects.  
• New education and learning concepts and techniques for ENIM engineering students through national and international projects, which have enabled the production of scientific publications and patents, honorary awards including innovation awards, and the creation of new innovative environmental SMEs through:  

  ▪ **project based learning** and by doing practical work on a pilot scale for the integrated management of household waste at ENIM (compost production, biodiesel, metal alloys, etc.).  
  ▪ **Eco-ENIM**, the first green graduate school and strengthening of the concept *Learning by Doing*  
  ▪ Resolving the **Real Challenge Problem** by engineering students and for a low income rural community (e.g. cooperatives working in biodiversity and local products, recycling and waste recovery, etc.)  
  ▪ Introducing the concepts of *learning to learn* and *creativity* among student engineers to strengthen the capacity of adaptability in a highly changing environment.  

**Event facilitators**  
- Mr. Chouaib Benqlilou, Professor at ENIM and PhD in Process Engineering and Environment at Catalan Polytechnic. National Coordinator for the contact point of the European Framework Programme for Research and Development (PCRD - FP7).  
- Mr. Abdelhadi Ghazaoui, Professor at ENIM and promoter and coordinator of the Environment and Industrial Safety Sector at ENIM  
- Mr. Said Kitane, Professor at ENIM, Manager of the Center for the Incubation and welcome for innovative projects and Manager for the Mines, Environment and Energy Research Laboratory.
Networking for Training - Information - Education and Awareness
Organized by: Belgian Technical Cooperation (BTC) (www.btcctb.org)

A presentation will be made during this workshop on integrating environmental components in BTC projects while taking into account the three components:
Training - Information - Education and Awareness.

Event facilitators

- Manolo Demeure: BTC-Morocco resident representative
- Marie Christine Sarboni, APNA Project
- Laurent Dellucci, AEP Project
- Fatima Ait Ben Alla, APMNEER Project
- Mohammed Fezzaz: Environment

Also present:
- National and local CTB partners linked to three projects (AEP, APNA and APMNEER)
- NGO members linked to the theme
- CTB staff
Environmental education associations in Ouarzazate: exchange and sharing
In partnership with the Greater Ouarzazate Foundation (FGO) (www.fgo.ma)

This event aims to bring together the associations of the Ouarzazate region and to introduce them to international associations and NGOs working in environmental education, to promote exchange and cooperation at the international level.

This contact between the national and international civil society stakeholders constitutes a genuine opportunity for civil society from the Ouarzazate region. Partnerships and exchanges can be established, which can contribute to the sustainable development of associations in the region.

The overall program will begin with a presentation of the socio-economic context of the Ouarzazate region. Subsequently, the associations will be presented one by one and direct exchanges can be established with associations and NGOs.

Event facilitators
Associations from the Ouarzazate region
Embedding ESD in Higher Education Systems: Quality Matters
Organized by: The Mediterranean Information Office for Environment, Culture and Sustainable Development (MIO-ECSDE) (http://www.mio-ecsde.org/)

This event aims to inform about the inspiring initiatives by universities in the Mediterranean region, which can be replicated while implementing sustainable development principles in different disciplines: research, teaching, advanced technology, communication, links to society, the green job market, and networking.

Event facilitators

- MIO-ECSDE: The Mediterranean Information Office for Environment, Culture and Sustainable Development
- MEdIES: The Mediterranean Education Initiative for Environment and Sustainability
- CMED: Morocco Education Club on Population and Environment (Club Marocain d’ Education en matière de Population et d’ Environnement), Morocco
- The Network of the Mediterranean Universities for SD focusing on ESD
- UNESCO Chair & Network on Management and Education for Sustainable Development in the Mediterranean, University of Athens
- Copernicus Alliance (Chaired by Daniela Tilbury)
- Mario Salomone (Institution tbc)
A sustainable commitment for an ecological rural development
Organized by: Groupe Crédit Agricole - Morocco (www.creditagricole.ma)

• This event will present the contribution by Groupe Crédit Agricole - Morocco to promoting sustainable rural development through implementing and supporting efforts that aim to:
  ▪ Promote energy efficiency and renewable energy on farms
  ▪ Preserve natural resources, especially water in farming activities
  ▪ Develop organic agriculture and agro-ecology.

Event facilitators:
- Mr. Tariq Ijilmassi, President of the Board of the Groupe Crédit Agricole - Morocco
- Mr. Saïd MOULINE, General Manager of the National Renewable Energy and Energy Efficiency Development Agency (ADEREE)
- Mr. Brahim Hafidi, Vice-President of the Association Agrotech Souss Massa Draa and President of the Souss Massa Draa Region
- Mr. Lahcen Kenny, Secretary General of the Moroccan Association of the Biological Production Sector
- Ms. Fettouma Benabdenbi, Member of the Board of Directors of Earth & Humanism (Terre & Humanisme) Morocco