



UNESCO Sponsored Conference

United Nations Education, Science and Culture Organization, Paris, France

10th CONFERENCE ON SUSTAINABLE DEVELOPMENT OF ENERGY, WATER AND ENVIRONMENT SYSTEMS

September 27 – October 3, 2015, Dubrovnik, Croatia

www.dubrovnik2015.sdwes.org



Organizers:

University of Zagreb, Zagreb, Croatia
Instituto Superior Técnico, Lisbon, Portugal



In co-operation with:



Industrial University of Santander, Santander, Colombia
University of Dubrovnik, Dubrovnik, Croatia
Aalborg University, Aalborg, Denmark
Institut National Polytechnique de Grenoble, Grenoble, France
Cologne University of Applied Sciences, Cologne, Germany
Hamburg University of Applied Sciences, Hamburg, Germany
University of Pannonia, Veszprém, Hungary
Research Center for Energy, Informatics and Materials (ICEIM-MANU),
Skopje, Macedonia
Vinča Institute of Nuclear Sciences, Belgrade, Serbia
Jozef Stefan International Postgraduate School, Ljubljana, Slovenia
Delft University of Technology, Delft, The Netherlands



Scope and objectives:

The 10th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES Conference, to be held in Dubrovnik in 2015, is dedicated to the improvement and dissemination of knowledge on methods, policies and technologies for increasing the sustainability of development by de-coupling growth from natural resources and replacing them with knowledge based economy, taking into account its economic, environmental and social pillars, as well as methods for assessing and measuring sustainability of development, regarding energy, transport, water, environment and food production systems and their many combinations. Sustainability being also a perfect field for interdisciplinary and multi-cultural evaluation of complex systems, the SDEWES Conference has at the beginning of the 21st century become a significant venue for researchers in those areas to meet, and originate, discuss, share, and disseminate new ideas.

The Conference will be organised in following sessions:

Sustainability comparisons and measurements methodologies; *Sustainable development as a driver for innovation and employment*; Green economy and better governance; *Decoupling growth from resources*; Decarbonisation; *Energy policy*; Transport policy; *Water policy and the energy-water interaction*; Environmental policy; *Agricultural policy*; Environment and corporate social responsibility; *Employment and energy, transport, water and environment systems*; Technology transfer and development; *Social acceptance*; Sustainable resilience of systems; *Sustainable tourism*; Urbanism; *Regional planning and cooperation*; Smart energy systems; *Sustainable islands, regions and cities*; Sustainable shipping; *Microgrids*; Research, innovation and development; *Education in sustainable development*; Cooperation for development; *Energy system analysis*; Water system analysis; *Transport system analysis*; Life cycle assessment, Environmental impact assessment, Eco-design and Eco-labelling, Product cycle assessment; *Energy planning*; Transport management; *Renewable energy resources*; Primary energy resources; *Water resources*; Food and agriculture; *Renewable electricity generation systems*; Thermal power plants; *District heating and/or cooling infrastructures in future smart energy systems*; Nano and micro technologies and science for sustainable development of energy, water, and environment systems; *Carbon capture and storage/sequestration*; Nuclear energy; *Advanced sustainable energy conversion systems*; Renewable heat systems; *Biofuels and biorefineries*; Hydrogen production and use technologies; *Hybrid and electric vehicles*; Other alternative fuels; *Water treatment*; Water desalination; *Wastewater treatment*; Waste treatment; *Waste to energy*; Recycling waste; *Pollution modelling*; Heat and mass transfer modelling; *Cogeneration*; Trigeneration, polygeneration; *Storage*; Electricity transmission and distribution; *Gas security of supply*; Energy efficiency in industry and mining; *Energy efficiency in agriculture and aquaculture*; Energy efficient appliances; *Buildings*; Energy markets; *Emission markets*; Political aspects of sustainable development;

In addition, acknowledging that regional coordination is the only feasible solution for gaining synergy effects for the small and only partially connected emerging energy markets of the Mediterranean, the Conference will address the core goals of the Energy Community and the wider region.

Deadlines:

Abstract deadline (archival):	December 15, 2014	Archival full paper:	April 15, 2015
Abstract due (conference):	May 15, 2015	Conference full paper:	September 10, 2015

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