

**3rd Dubrovnik Conference on Sustainable Development
of Energy, Water and Environment Systems
Dubrovnik, Croatia, June 2005**

- Papers recommended for the Dubrovnik 2005 Energy Special Issue

Paper No	Title	Authors (* -Corresponding Author)	Comments
1.	Sustainable Development and Global Security (Paper No. 110)	<i>Robert Blinc & Aleksander Zidanšek*</i> , J. Stefan Institute, Ljubljana, Slovenia <i>Ivo Šlaus</i> , R. Bošković Institute, Zagreb, Croatia	
2.	Energy Indicators for Sustainable Development (Paper No. 231)	<i>Ivan Vera*</i> & <i>Lucille Langlois</i> , International Atomic Energy Agency, Vienna, Austria	
3.	A System Dynamics Based Model for Coal Supply and Investment (Paper No. 243)	<i>Ying Fan, Rui-Guang Yang, Yi-Ming Wei*</i> , Institute of Policy and Management, Chinese Academy of Sciences, Beijing, China	
4.	Renewable Energy Strategies for Sustainable Development (Paper No. 240)	<i>Henrik Lund*</i> , Department of Development and Planning, Aalborg University, Denmark	

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5.	Design of a Solar- Assisted-Mechanical Vapor Compression (MVC)-Desalination Unit For Remote Areas in the UAE (Paper No. 118)	<i>A.M. Helal*</i> , <i>S.A. Al-Malek & C.P. Sevilla</i> , Water and Power Research Center, Abu Dhabi, UAE	
6.	A Combined Power Cycle with Absorption Air Conditioning (Paper No. 229)	<i>Osamah Al-Hawaj & Hamad Al-Mutairi</i> , College Of Engineering, Kuwait University, Kuwait	
7.	Biomass to Hydrogen for the Realization of Closed Cycles of Energy Resources (Paper No. 102)	<i>Fabio Orecchini & Enrico Bocci*</i> , University of Rome "La Sapienza", Roma, Italy	
8.	A New Basis for Assessing the Sustainability of Natural Resources (Paper No. 010)	<i>Ernie Jowsey*</i> , Faculty of Development and Society, Sheffield Hallam University, UK	
9.	Sustainable Development and Happiness in Nations (Paper No. 184)	<i>Aleksander Zidanšek*</i> , J. Stefan Institute, Ljubljana, Slovenia	

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10.	Energy Structure, Marginal Efficiency and Substitution Rate: An Empirical Study in (Paper No. 125)	<i>Yi-Ming Wei*</i> , <i>Zhi-Yong Han</i> , <i>Ying Fan</i> , <i>Jian-Ling Jiao</i> , Chinese Academy of Sciences, Beijing, China <i>Ji-Sheng Yan</i> , Ministry of Science and Technology of China, Beijing, China	
11.	Economic, Environmental and Social Assessment of the Alternative Designs for the Multipurpose Hydropower and Irrigation Development Project (Paper No. 011)	<i>Silva Larson & Stefan Larson*</i> , Aquamatrix Pty Ltd, Townsville, Australia	
12.	Power System Optimization (Paper No. 209)	<i>Željko Bogdan* & Mislav Čehil</i> , Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Zagreb, Croatia	

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		<i>Damir Kopjar</i> , Croatian Electric Utility (HEP), Croatia	
13	Two Sustainable Energy System Analysis Models. A Comparison of Methodologies and Results (Paper No. 129)	<i>Henrik Lund</i> , Aalborg University, Denmark <i>Maria da Graça Carvalho</i> , IST - RGESD, Lisbon, Portugal <i>Neven Duić & Goran Krajačić*</i> , Faculty of Mechanical Engineering and Naval Architecture, Croatia	
14.	Towards a Sustainable Transportation Energy Supply (Paper No. 206)	<i>R.L. Evans*</i> , The University of British Columbia, Vancouver, Canada	
15.	Proposal and Analysis of a Novel Ammonia-water Cycle for Power and Refrigeration	<i>Na Zhang* & Meng Liu</i> , Institute of Engineering Thermophysics, Chinese Academy of Sciences, P. R. China	

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	Generation (Paper No. 177)		
16.	Energy Efficiency Analysis of Sodiumtripolyphosphate Manufacture Using Sequential Linear Programming Optimization Methodology (Paper No. 119)	<i>Predrag Rašković*</i> , Technology faculty in Leskovac, University of Niš, Serbia and Monte Negro	
17.	Analysis of the Cogeneration Power Production Potential within Brazilian Babassu Oil Extraction Industry (Paper No. 112)	<i>Marcos Alexandre Teixeira* & Maria da Graça Carvalho</i> , IST - RGEDS, Lisbon, Portugal	
18.	Collecting Dew to Improve Water Resources: The D.E.W. Project in Biševo (Croatia) (Paper No. 035)	<i>D. Beysens*</i> , Commissariat a l'Energie Atomique, Grenoble & Ecole Supérieure de Physique et Chimie Industrielles, Paris, France <i>M. Mileta</i> , Meteorological and Hydrological Institute of Croatia,	

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		Croatia I. Milimouk , Centre National de la Recherche Scientifique, France M. Muselli , Université de Corse & Centre National de la Recherche Scientifique, France O. Clus , Université de Corse & Centre National de la Recherche Scientifique, France V. Nikolayev , Commissariat à l'Énergie Atomique, Grenoble & Ecole Supérieure de Physique et Chimie Industrielles, Paris, France	
19.	Simulation and Thermoeconomic Analysis of Different Configurations of Gas Turbine Based Dual Purpose	Luis Serra* , Thibaut Rensonnet & Javier Uche , University of Zaragoza, Spain	

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	Power and Desalination Plants and Hybrid Plants (Paper No. 148 &149)		
20.	Modelling of Water – Energy Systems: The Case of Desalination (Paper No. 133)	<i>Gregor Meerganz von Medeazza* & Vincent Moreau,</i> Institute for Environmental Sciences and Technology - ICTA, Autonomous University of Barcelona, Spain	
21.	Setting National Environmental Priorities – The Israeli Case Study (Paper No. 020)	<i>Ofira Ayalon* & Yoram Avnimelech,</i> S. Neaman Institute, Technion., Israel	
22.	Mitigation of Greenhouse Gas Emissions from Hydroelectric Dams: A Case Study of Brazil's Serra da Mesa Dam (Paper No. 078)	<i>Fernando M. Ramos*, Luis A. W. Bambace, Reinaldo R. Rosa & Ivan B. T. Lima,</i> Instituto Nacional de Pesquisas Espaciais (INPE), Sao Jose dos Campos, Brazil	

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23.	Sustainability Concept Based on Environmental Strategies (Paper No. 091)	<p><i>Manuela Sarmento*</i>, Research Centre for Sustainable Energy Development, IST, Lisbon, Portugal</p> <p><i>Diamantino Durão</i>, University Lusíada, Lisbon, Portugal</p> <p><i>Manuela Duarte</i>, Superior Institute of Accounting and Administration, Lisbon, Portugal</p>	