

## SUNDAY, JULY 8, 2012

Time	Location: Main Foyer
13:00-19:00	Registration and Setup for Exhibition

## MONDAY, JULY 9, 2012

Time	Room: Ballroom		
8:30-9:15	Chair: I. Dincer Opening Remarks <ul style="list-style-type: none"> <li>• Conference Chairman</li> <li>• President of ITU</li> <li>• President of UOIT</li> </ul>		
9:15-10:45	Keynote Address-1: "Equinox Blueprint: Energy 2030 - A technological roadmap for low-carbon electricity production", <a href="#">F. Hamdullahpur</a> Keynote Address-2: "Climate Extremes and Disasters in the 21st century: How to Reduce the Risk", <a href="#">M. Oppenheimer</a>		
10:45-11:00	Refreshment Break		
	Room: Ballroom		
11:00-12:30	Chair: T. McTiernan Keynote Address-3: "Climate Change Policy for Sustainable Human Development", <a href="#">K. Ueta</a> Keynote Address-4: "De-carbonizing the Energy System to Mitigate Climate Change: Can New Energy Technologies Provide the Solution?", <a href="#">P. Lund</a>		
12:30-14:00	Lunch Break		
14:00-16:00	<b>Room A</b> Session: <b>Algae, Biofuels and Modeling</b> Chair: I. Yildiz	<b>Room B</b> Session: <b>Global Warming Models</b> Chair: M. Oppenheimer	<b>Room C</b> Session: <b>Chemical Aspects-I</b> Chair: A.M. Colpan
	Special Talk (#511): "Coupled Modeling of Microalgae Growth and a Horizontal Tubular Photobioreactor", T. Mehlitz, <a href="#">I. Yildiz</a> , T. Nguyen-Quang Special Talk (#507): "Investigation of Microalgae Growth Kinetics Using Coal-Fired Flue Gas as a Carbon Source", B.D. Brooker, <a href="#">I. Yildiz</a> #509. "An Economic Study of Algae to Biodiesel Production in a Large Scale Photobioreactor Plant", <a href="#">T. Mehlitz</a> , I. Yildiz, A. Kulkarni #253. "Modeling the Effects of Thermal Stratification on Algal Population in Growth", <a href="#">T. Nguyen-Quang</a> , I. Yildiz #510. "Modeling the Relationships Between Nutrient Input, Algal and Herbivore Densities in Motion", <a href="#">T. Nguyen-Quang</a> , I. Yildiz #133. "Global Warming, Solar Radiation and Its Effectiveness on Nudolaria Algae Bloom in the Caspian Sea", <a href="#">A. Sajjadi</a> , S. Sajjadi, A. Roohi	#184. "Comparison of Classical Regression and Artificial Neural Network Models for Prediction of Global Solar Radiation In Dubai, UAE" <a href="#">H.A.N. Hejase</a> , A.H. Assi, M.H. Al-Shamisi #264. "New Parameter for Assessment of Atmosphere Draught Intensity", <a href="#">Y.V. Petrov</a> , A.A. Abdullaev, F.A. Ishniyazova, S. Nurislamova #294. "Turkish Water Foundation Climate Change Downscaling Model Principles", Z. Şen, <a href="#">A. Öztopal</a> #580. "Application of the General Circulation Model ECHAM5 for the Estimation of the Projected Temperature over the Central Southern Parts of Iran for the Period 2011-2040", <a href="#">S.M.J. Nazemosadat</a> , V. Ravan, Y. E. Kahya, Abdollahzadeh, F. Mahnamfar #608. "Feedback Dynamics, Sensitivity and Runaway Conditions in the Global Climate System", <a href="#">D. Wasdell</a>	#398. "Remediation Investigation of Selenium in Aqueous Environment with Using Activated Carbon", S. Hacıyakupoğlu, S.A. Erentürk, N. Karatepe, A.B. Tuğrul, A. F. Baytaş, N. Altinsoy, N. Baydoğan, B. Büyük, <a href="#">E. Demir</a> #658. "Reaction Mechanism and Kinetics of Alcohol Solutions of 1,8-Diazabicyclo[5.4.0]undec-7-ene with Carbon Dioxide", <a href="#">M. C. Ozturk</a> , C. S. Ume, E. Alper #445. "Adsorption Properties of Hydrogen on Metal Decorated Carbon Nanotubes", <a href="#">A. Senyer</a> , A. Tekin, N. Karatepe #375. "Engineering Pt-on-Au (Ag) Nanostructures for High-performance Electrocatalysts in Electrode Chemistry", <a href="#">G-R. Zhang</a> , D. Zhao, B-Q. Xu #77. "Effect of Blending Biodiesel from Egyptian Jojoba Oil with Petro Diesel on Fuel Properties", <a href="#">M.A. Fattah</a> , H. Farag, M. Ossman, M. Mansour, #70. "Preparation of Activated Carbon from Egyptian Rice Straw by Chemical Activation and Its Application for Adsorption of Fe (III) in Batch System", M.E. Ossman, <a href="#">M.A. Fattah</a> , N.A. Taha
16:00-16:20	Refreshment Break		

**MONDAY, JULY 9, 2012 (continued)**

Time	Room A	Room B	Room C
16:20-18:20	<p>Session: <b>Global Warming and Climate Change Effects on Cities</b> Chair: Z. Sen</p> <p>Special Talk (#931). "Urban Climate Change Impacts and Istanbul Water Consensus", <u>Z. Sen</u> #405. "Expected Climate Change Impacts on Water Supply Basins: Istanbul Case", <u>M. Ozger</u>, T. Erdik, Y. Karsavran, M. Kucukmehmetoglu, A. Geymen, Z. Sen #645. "Promoting Best Environmental Practice in Yanbu Industrial City", <u>A. Al-Shehail</u> #275. "According to Different Scenarios, Predicted Precipitation Regime in Istanbul, Izmir and Ankara till 2050 Under Climate Change", <u>A. Oztopal</u>, Z. Sen #293. "Climate Change Expectations in the Next Half Century over Turkey", Z. Sen, A. Oztopal, <u>S. Sirdas</u></p>	<p>Session: <b>Global Warming: Policies and Challenges</b> Chair: T. Hikino</p> <p>#296. "Coping with Global Warming: The Role of Flexible Mechanisms under Kyoto Protocol," <u>Z. Savasan</u> #654. "Teaching the Carbon Cycle Using IBL in Secondary Schools", <u>F. Ugolini</u>, V. Baldocci, V. Barbetti, I. Bettarini, G. Giorgi, L. Massetti, A. Pecchioli, A. Raschi, P. Russi #36. "Global Warming and Zero Carbon Desert Prosperity Initiatives in Libya", <u>H. El Magerbi</u>, I.M. Saleh, I. Shaban, S. Zargani, M.S. Turki, H. M. Ghazali, S. Bindra, T. Al Master #153. "Climate Change Actions Integrating with Child and community Led Disaster Risk Reduction in Andhra and Pradesh", <u>M.G. Prasad</u>, M. Prasad #240. "Future Challenges in Urban Drainage Systems under Global Warming", <u>M. Abdellatif</u>, W. Atherton, R. Alkhadda</p>	<p>Session: <b>Energy and Exergy</b> Chair: P. Lund</p> <p>#15. "Exergy Analysis and Greenhouse Gas Emissions Assessment of Continuous Flow Photoreactors for Catalytic Hydrogen Production", <u>E. Baniasadi</u>, I. Dincer, G.F. Naterer #178. "A Comparison of Exergoeconomic Methodologies for a Binary Geothermal Power Plant", C. Yilmaz, S. Demir, <u>A. Abusoglu</u> #891. "Energy and Exergy Analysis of A Supercritical Power plant with 600 MW Output in Turkey", <u>H.E. Sahin</u>, M. Aydin #909. "Development of Exergetic Sustainability Parameters for High Pressure Hydrogen Production", S. Inac, <u>A. Midilli</u>, I. Dincer #581. "Energy and Exergy Analyses of Rock Salt Refining Plant", <u>O.F. Dilmac</u>, M.S. Mert, N. Dilmac #604. "Investigation of Effects of Leakage Rate on Exergetic and Environmental Performances of Refrigerants in Direct Expansion System", M.Z. Sogut, <u>Z. Oktay</u>, H. Karakoç</p>
19:00-22:00	Welcoming Reception		

**TUESDAY, JULY 10, 2012**

Time	Room A	Room B	Room C
8:30-10:30	<p>Session: <b>Enhanced Carbon Storage in the Ocean-I</b> Chair: I.S.F. Jones and L. Chen</p> <p>Special Talk (#859). "Olivine, the Green Solution for Climate Change and Ocean Acidification", <u>R. Schulling</u> Special Talk (#923). "Enhancing the Capacity of the Oceans to Act as a Carbon Sink and Counteract Acidification with Alkaline Materials", <u>T. Kruger</u> Special Talk (#921). "Carbon Sequestration by Addition of Reactive Nitrogen to the Ocean", <u>D. Harrison</u> Special Talk (#922). "The Impact of Carbon Offsets on Government Revenue", <u>J. Storey</u></p>	<p>Session: <b>Meteorological Measurements</b> Chair: B. Ozsoy Cicek</p> <p>#46. "Solar Radiation in UAE – A Comparison between Ground Station Measurements and Satellite Estimation", <u>A.H. Assi</u>, M.H. Al-Shamisi, H.A.N. Hejase #51. "Moderate Solar Dimming in an Accelerating Warming Climate of Bahrain", <u>N.A. Elagib</u>, S.H. Alvi #57. "Temporal Variations of BTEX Compounds in Bursa/Turkey Atmosphere", <u>S. Yurdakul</u>, M. Civan, G. Tuncel #201. "Temperature Trends in Sattluj River Basin", <u>A.T. Hamid</u>, M. Sharif #318. "Environmental Measurements at Monte Cimone GAW Station", <u>M. Alemanno</u>, A. Di Diodato, L. Lauria, N. Santobuono #332. "Forecasting Tropical Storms in the Eastern Region of the United Arab Emirates: Lessons Learnt From Gonu," <u>S. Al-Abdooli</u>, S.A. Ahmed, M. Jarsh, M.K. Al-Radhi, A. Galadari</p>	<p>Session: <b>Nuclear Energy</b> Chair: I. Khamis</p> <p>Special talk (#929). "Combating Global Warming with Expansion of Nuclear Power to Non-Electric Applications", <u>I. Khamis</u> #691. "The Potential for Sustainable Energy Solutions and Technical Installations in New Construction on a Licensed Nuclear Site in the UK", <u>D.W. Adamson</u> #930. "Comparative Environmental Impact Assessment of Nuclear-Based Hydrogen Production via Mg-Cl and Cu-Cl Thermochemical Water Splitting Cycles", <u>A. Ozbilen</u>, I. Dincer, M.A. Rosen #908. "Comparing Emissions from Integrated Cu-Cl Cycle with Nuclear and Coal Power Plants", <u>C. Zamfirescu</u>, I. Dincer, G. Naterer #254. "Heat Recovery in the Cu-Cl Cycle with Tri-Generation of Hydrogen, Steam and Electricity for Better Environment", S. Aghahosseini, <u>I. Dincer</u>, G. F. Naterer</p>
10:30-10:50	Refreshment Break		
	<b>Room: Ballroom</b>		
10:50-12:20	<p>Chair: M. Aydin</p> <p>Keynote Address-5: "Agriculture and Global Atmospheric Change – Issues and Actions", <u>J. Fuhrer</u> Keynote Address-6: "Vegetation at High Latitudes under Global Warming", <u>K. Taulavuori</u></p>		
12:20-14:00	Lunch Break		
14:00-14:45	<p>Chair: K. Taulavuori</p> <p>Keynote Address-7: "Considering Global Warming and Changing Climate on a Robust and Expanding Mining Sector", <u>G. Ross</u></p>		
14:45-15:00	Refreshment Break		

	Room A	Room B	Room C
15:00-17:00	<p>Session: <b>Enhanced Carbon Storage in the Ocean-II</b> Chair: I.S.F. Jones and L. Chen</p> <p>Special Talk (#925). "Technical Considerations for Infusing Nutrients for Ocean Fertilization", <a href="#">R. Wheen</a></p> <p>Special Talk (#433). "Efficiency of Carbon Removal per Added Reactive Nitrogen in Ocean Fertilization", <a href="#">M.W. Lawrence</a></p> <p>Special Talk (#924). "Legal Framework for Ocean Carbon Storage Experiments", <a href="#">H. Davies</a></p> <p>Special Talk (#920). "Explaining the ECOR Costing for Carbon Storage", <a href="#">I. Jones</a></p>	<p>Session: <b>Biomass Energy</b> Chair: F. Hamdullahpur</p> <p>#28. "A Technical Study on Biomass Gasification Stove-Thermoelectric Generator Embedded with Phase Change Materials", <a href="#">M. Eswaramoorthy</a>.</p> <p>#80. "Beating Treatment to Enhance Digestibility of Fresh Grass", <a href="#">A. Mohamed</a>, F. Alfarjani, A.G. Olabi</p> <p>#460. "Greenhouse Gas Emissions Reduction via an Integrated Biomass Based Multi-Generation Energy System", P. Ahmadi, <a href="#">L. Dincer</a>, M.A. Rosen</p> <p>#84. "Modeling Anaerobic Digestion Process for Grass Silage After Beating Treatment Using Design of Experiment (DOE)", <a href="#">F. Alfarjani</a>, A.K.M. Aboderheeba, K.Y. Benyounis, A.G. Olabi</p> <p>#237. "Biogas Potential of Animal Wastes for Electricity Generation in Ardahan City of Turkey", <a href="#">B. Özer</a></p> <p>#529. "Gas-Face Metal Temperatures and Emissions of IDI Diesel Engine Running on a Bio-Fuel Extracted from Joboba Oil", <a href="#">S.F. Ahmed</a></p> <p>#348. "Oxy-combustion of Coal by Blending with Biomass", <a href="#">H.H. Acma</a>, S. Yaman</p>	<p>Session: <b>Sustainable Energy and Global Warming-I</b> Chair: A. Midilli</p> <p>#34. "Preliminary Approach to the Assessment of the Sustainability of Energy Systems", <a href="#">K. Hacatoglu</a>, M.A. Rosen, I. Dincer</p> <p>#165. "A Study on Micropower Generation from Biological System", <a href="#">U. Prabaakaran</a>, J. Rajesh Kumar</p> <p>#113. "Optimal Repartition of Hybrid PV/Wind Systems", <a href="#">A. Zaatri</a></p> <p>#641. "The Role of Renewable Resources in a Peaceful Future of Sustainable Energy Production", <a href="#">Y.S. Qudaih</a>, Z. Fawzi, I. Alqadoumi, J. Morel, Y. Mitani, Q. Yamada</p> <p>#951. "Environmental Assessment of Using Various Refrigerants for Hybrid Electric Vehicle Thermal Management Systems", <a href="#">H.S. Hamut</a>, I. Dincer and G.F. Naterer</p> <p>#910. "Energetic and Exergetic Assessments of High Pressure Hydrogen Production and Storage Processes", M. Özşaban, S. İnaç, <a href="#">A. Midilli</a>, İ. Dinçer</p> <p>#588. "Experimental and Theoretical Analysis of Evapotranspiration in Green Roof Systems", H. Karanam, W. Retzlaff, S. Morgan, <a href="#">S. Celik</a></p>
17:00-18:20	<p><b>POSTER SESSIONS and Refreshment Break</b> (The poster presenters are requested to present by their posters to explain the work during this poster session. The posters should be set up between 08:00 and 08:30 and should remain up until 18:20) Chair: C.O. Colpan</p> <p>#18. "Novel Materials for On-board Hydrogen Production by Ethanol Catalytic Steam Reforming", <a href="#">S.M. Bedrane</a>, M. El Ouchdi, R. Bouri, L. Cherif, R. Bachir, A. Bengueddach</p> <p>#19. "Nuclear Magnetic Resonance Imaging for Geosequestration", <a href="#">S. Sunjay</a>, G. Malhotra</p> <p>#38. "Evaluation of The Contribution of The Raw Materials Used in Paper Production to Global Warming", <a href="#">M. Petraru</a>, C. Ghinea, H. Bressers, M. Gavrilescu</p> <p>#39. "Environmental and Economic Evaluation of Management Systems for Municipal Solid Waste", <a href="#">C. Ghinea</a>, M. Petraru, H. Bressers, M. Gavrilescu</p> <p>#42. "Study and Evaluation of Risk Related to Waters Contamination of Dam Guenitra, by Heavy Metals, From Mine of Sidi Kamber", <a href="#">M. Med Salah</a>, K. Malik</p> <p>#48. "Correlation Between Scientific Data Predictions and Islamic Scriptures Prophecies on the Global Effect that Global Warming Have on Nature", <a href="#">K.N. Elaghar</a></p> <p>#52. "New Friendly Environment Pillared Clays Used as Supports for Catalysts Based on Gold Nano Particles – Catalytic Activity", <a href="#">R. Soulimane</a>, A. Hakkoum, R. Bachir and S. Bedrane</p> <p>#58. "Exceptionally Hot Summers in Central and Eastern Europe (1951-2010)", <a href="#">R. Twardosz</a>, U. Kossowska-Cezak</p> <p>#60. "Elaboration of Help Tools for the Evaluation and Selection of Projects Based on the Environment Integration", <a href="#">L. Mellal</a>, M. Djebabra, L. Boubaker</p> <p>#63. "Catalytic Elimination of Phenol, Organic Pollutant, From Industrial Wastewater on Fe-Zsm-5 Zeolites", <a href="#">S. Riha</a>, V. Sabine, B. Joel, G. Zelimir</p> <p>#66. "The Hydrological Pattern of a Temporary Estuary in the Mediterranean South Western", <a href="#">H. A. Ziouch</a>, S. Belbacha, M-H. Khemmar, M. Ounissi</p> <p>#68. "Environmental Problems and Solutions in Africa", <a href="#">Y. Kidanemariam</a></p> <p>#82. "Vulnerability of Cork Oak Forests to Climate Change (Algeria)", <a href="#">A. L. Balarouci</a>, B. Medjahdi, N. L. Balarouci</p> <p>#92. "Impact of Climate Change on the Flora Forests of Cork Oak (Mounts of Tlemcen, Algeria)", <a href="#">M. Boumediene</a>, L. B. Assia, L. B. Nouredine</p> <p>#105. "Environmental Impact of Hydrogen in Pure Methane in Spark Ignition Engine: Experimental Study", <a href="#">A. Ouledsaid</a>, F. Medaerts, F. Bentaha</p> <p>#107. "Detection of Mercurial Pollution in the Soils and Sediments of the Azzaba Area (N.E. Algeria)", <a href="#">M. Kahoui</a></p> <p>#108. "Adsorption of Basic Dye from Aqueous Solution by Local Natural Clays", <a href="#">H. Belbekiri</a>, M. Belhachemi</p> <p>#111. "Analysis of Soil in Different Areas of Sargodha Having Municipal Solid Waste &amp; Its Impact on Public Health", <a href="#">S.M. Zafar</a></p> <p>#115. "Reliability Study and Evaluation of the Reverse Osmosis Process in the Seawater Desalination Station of Skikda", <a href="#">M. Rouainia</a>, K. Mehri, M.S. Medjram</p> <p>#148. "Proposal of a Process of Environmental Analysis Based on Functional Analysis", <a href="#">S. Saadi</a>, M. Djebabra, L. Boubaker, H. Kortii</p> <p>#157. "Recovery of Some Lichens Species in Oubeira Lake in Northern West of El Kala National Park (North East of Algeria)", <a href="#">M. S. A. Ahmed</a></p> <p>#159. "Antioxidant Effect of Polyphenolic Extract of Bassia Muricata", <a href="#">S. Mecherara-Idjeri</a>, S. Laboukhi-Khorsii</p> <p>#172. "Vapor Estimation Produced by Two Geometrical Absorbers of a Paraboloid Solar Concentrator", <a href="#">B. Nadir</a></p> <p>#175. "Antimicrobial Activity of Essential Oil from Lemon Balm", <a href="#">A. F. Dahmane</a></p> <p>#181. "Sol-Gel Synthesis of Thin Films SiO2/TiO2 Antireflection Coating on Silicon Photovoltaic Application", <a href="#">N. Agoudjil</a></p> <p>#192. "Co(polyamide-thioamide)s as Collector for Transition Metals From Aqueous or Organic Solutions", <a href="#">G. Tabak</a>, N. Khellaf</p> <p>#194. "Mixed Sorbents Prepared from Olive Stone and Date Pit: A Low-Cost Sorbent for Chromium Removal From Aqueous Solutions", <a href="#">L. Krim</a></p> <p>#205. "The Role of Bacteria In the Self Ignition of Fiberglass Lines Charged With Organic Deposits", <a href="#">M. Bounoughaz</a>, S. Youns</p> <p>#206. "Does Global Warming Affect the Heavy Metal Content of Thymus Vulgaris", <a href="#">M. Yahiaoui</a>, Z. Kamel, I. Toumert, A. Hassani</p> <p>#209. "The Bi-annual Evolution of Physical-Chemical Parameters during the Aeration by Destratification Mode", <a href="#">M. Gafsi</a>, A. Kettab, A. Djehiche, K. Gotteicha</p> <p>#214. "High Temperature X-Ray Study of Tantalum-Oxygen-Carbene System", <a href="#">H. Chikh-Afir</a></p> <p>#215. "Radio-Cristallographic Study of Titanium Sesquioxide at High Temperature and in Vacuum", <a href="#">A. Arezki</a></p> <p>#222. "A Model of an Ejector Cooling System With Concentrating Photovoltaic Collector", <a href="#">C. Renno</a></p> <p>#232. "Comparative Study of Chemical Composition of Laurus Nobilis L. Leaves Essential Oils Extracted By Microwave 'Dry' Distillation And Hydrodistillation" <a href="#">F. Tazerouti</a>, F.Z. Bendjerssi, B. Djerdjouri, B.Y. Meklati</p> <p>#234. "Impact of Heat Stress and Cadmium on Biochemical Markers of Wistar Rat", <a href="#">C. Abdennour</a>, Z. Zehour</p> <p>#241. "Modeling of Pollution Parameters: BOD, COD, NO-3, NO-2, NTK and PO-34 of Biological Treatment By a Neuro Fuzzy Model", <a href="#">A. Khouider</a></p> <p>#243. "Clean Technology for VOC Removal from Wastewater", <a href="#">F.U. Nigiz</a>, N. D. Hilmioglu</p> <p>#244. "Novel Environmentally Friendly Process for Reducing the Sulfur Level in Fuel: Pervaporation", <a href="#">F.U. Nigiz</a>, N. D. Hilmioglu</p> <p>#245. "Au/Fe2O3 Highly Active Nanocatalysts for Toluene Total Oxidation", <a href="#">Z. Bailliche</a>, L. Chérif-Aouali, S. Siffert, S. Royer, A. Bengueddach</p> <p>#249. "Limits and Prospects of the Institutionalization of the Environmental Protection in Algeria", <a href="#">N. Chérif</a>, H. Benzidane</p> <p>#250. "Sorption of Basic Dye Onto Posidonia Oceanica (L.) Leaf Sheaths Fibers in Batch System Equilibrium and Kinetic Modeling" <a href="#">F. Kaouah</a>, T. Berrama, S. Boumaza, L. Brahmi, Z. Bendjama</p>		

- #251. "The Effect of the Nature of Support on the Performance of Gold Supported Catalysts for Total Oxidation of Toluene", H. Azzī, L. Cherif-Aouali, S. Siffert, S. Royer, A. Aissat, R. Cousin, S. Pronier, A. Bengueddach
- #260. "Facilitated Transport of Zinc (II), Ni(II) and Co(II) by Liquid Membrane Constituted of the Tri-n-butylphosphate", F. Hassaine-Sadi, M. Graiche, A. Boudaa
- #267. "Aridisation Trends in the Territory of Uzbekistan in 21 Century", S. Nikolaeva, S. S. Nurislamova, Sh. Sh. Matalov, Y. Petrov
- #271. "Spatial Correlations and Distributions of Heating and Cooling Degree-Day Normals in Turkey", L. Yildiz, J. Yue, T. Nguyen-Quang, J. Lowrey, A. C. Yildiz
- #273. "Effect of 1°C Decrease in Indoor Design Temperature for heating related Carbon dioxide Emissions for Turkey", C. Coskun, Z. Oktay, I. Dincer
- #297. "Spatial Correlations and Distributions of Climatic Normals for Heating, Ventilation and Air-Conditioning in Turkey", L. Yildiz, J. Yue, T. Nguyen-Quang, J. Lowrey And A. C. Yildiz
- #309. "Environmentally Desirable Synthesis Without Use of Organic Solvent at Room Temperature.", H. Mohamed, D. Hajila
- #311. "Surfactants and the Environment: Pollution Degree of Algiers Bay", M. Idouhar, A. Tazerouti
- #315. "Heterogeneous Catalysis in the Liquid Phase Oxidation of Olefins and Alcohols by Pd(II) Complexes Immobilized Between Silicate Layers of Clay", S. Sabour, L. Tafa, N. Bouchenafa-Saib, O. Mohammedi
- #316. "Inquiry Based Learning for Teaching Carbon Cycle in Secondary Schools", F. Ugojini, L. Massetti, V. Baldocci, I. Bettarini, G. Giorgi, A. Pecchioli, P. Russi
- #327. "Ollens as Pollution Bioindicator and Air Quality in Annaba City, Algeria", T. Nadia, B. Larbi
- #324. "Analysis and Optimization of a Hybrid Photovoltaic Thermal System", C. Renno
- #334. "Interaction between Hexavalent Chromium and Poly(4-Vinylpyridinium-Octylbromide): Effect of Degree of Quaternization)", E. Sidlakher, Z. Djamaa, I.K. Benabadi, A. Mansri
- #335. "Preparation and Characterization of Functionalized Poly(4-Vinylpyridine) and Its Ability to Adsorb Chromium(VI)", Z. Djamaa, E. Choukchou-Braham, I.K. Benabadi, A. Mansri
- #356. "Modeling of Pollutants Co, Pm, Pah in Accidental Fire at the Landfill Waste", S. Stefanov, R. Biočanin, S. Mehic, D. Adamovic
- #362. "Phosphate Adsorption on an Iron Oxhydroxyde - The Case of Goethite", L. Boukemara, C. Boukhalfa
- #376. "Trends in Temperature Extremes Indices Over Amazon Region of Brazil", A. M. Ramos
- #379. "The Reactivity of Clay Minerals in the Presence of Metallic and Powder Iron", S. Korichi, A. Bensmaili
- #381. "Modeling Considerations to Predict Optimum Operational Conditions for Recovering the Zn (II) From Industrial Effluents by Liquid-Liquid Extraction", N. Benaoua, T. Berrama, Z. Bendjam
- #384. "The Possibilities of Improving the Bioethanol Production From Corn Meal by Yeast Saccharomyces Cerevisiae Var. Ellipsoides", S. Nikolić, L. Mojović, M. Rakin, J. Pejin, M. Bulatović, A. Djukić-Vuković
- #386. "The Effect of Magnesium and Calcium Concentration Ratio on Fermentation Performance of Triticale Mashers", J. Pejin, O. Grujić, D. Pejin, L. Mojović, S. Markov, M. Marković, M. Radosavljević, S. Nikolić, A. Đukić-Vuković
- #399. "Study of Microalgae Growth in Air-Lift Reactor", A. Ounnar, F. Kaidi, L. Benhabyles
- #413. "Photocatalytic Degradation of Pharmaceutical Pollutant In Batch Reactor", A. Ounnar, F. Bentahar, A. Bouzaza
- #416. "Contribution to Sustainable Development, Through the Establishment of The SEO", S. Tireche, A. Tairi
- #417. "Study of the Treatment Effect Using Nitric Acid on the Physical and Chemical Properties of Activated Carbon at Different Solution Concentrations.", A. Khelifi
- #420. "Solar Photocatalytic Treatment of Linuron in Aqueous Suspension of TiO<sub>2</sub>", N. Chekir, O. Benhabiles, N. Laoufi, F. Bentahar
- #422. "Structural Evolution of the Middle Zone Between the Vault of Meharez and Depression of Abadla during the Paleozoic Bechar Region Saharian Plate Form", M. Sadaoui, A. Bensekhria, R. Chaouchi, L. Remichi, Bennouna, S. M. Kherroubi
- #429. "Variations of Anionic Surfactants Levels in Wastewaters Treatment Plant in Algiers City", M. Idouhar
- #435. "Investigation of Antireflective and Self-Cleaning Surfaces for Solar Modules", Z. Dalkilic, N. Karatepe
- #439. "Adsorption of Chromium (VI) from an Aqueous Solution on an Algerian Modified Clay, Zeolite A and Activated Carbon", S. Amokrane, S. Achour, E.H. Mekatel, D. Nibou
- #442. "Simulation of Biodiesel Production from Sunflower Oil Catalyzed by Calcium Oxide M. Tasic, O. Stamenkovic, V. Veljkovic
- #448. "High-Latitude Atmospheric Pressure Response to IMF Sector Structure at The Global Warming Period", A.A. Karakhanyan, S.I. Molodykh
- #451. "Application of Heterogeneous Photocatalysis Process for Degradation of an Organic Pollutant", R. Djouder, N.A. Laoufi, F. Bentahar
- #452. "Intagrated Hydrometeorological Measurement Network – From Sensors to Databases and Forecasters: Ukrainian Experience", V. Manukalo
- #453. "Development of Climate-Related Services in Ukraine in the Context of Present and Expected Climate Change", V. Manukalo
- #455. "Steam Reforming of Methane to Syngas Over NiO/Al<sub>2</sub>O<sub>3</sub> Catalysts Prepared by Successive Impregnation", A. Boulahouache, M. Belacel, S. Benadji, C. Rabia, N. Salhi
- #474. "Recovery of Toxic Elements (Ni, Pb, Zn And Cu) Onto Y Faujasite and Activated Carbon from Aqueous Solutions: Environmental Study", S. Amokrane, S. Achour, S. Zouaoui, H. Mekatel, D. Nibou
- #475. "Ambient Air Pollution Monitoring in the Conditions of Mountain Relief", B. Kholmationov, Y. Petrov, Kh. Egamberdiev
- #479. "Monitoring Environmental Pollution in Oued El Harrach Near Algiers by Gfaas Using the Octopus as Bio-Indicator", M. Amara
- #481. "The Hydrological Pattern: Spatiotemporal Variability of the Salinity in the Mafragh Estuary (South-Western Mediterranean)", H. Ahcene
- #487. "Biosorption of Phenol by Dried Biomass", H. Cherifi, F. Bentahar and S. Hanini.
- #489. "Remediation of Diesel-Oil Contaminated Soils in Solid Phase Reactors by Biostimulation", J. Arrar, F. K. Kies, F. Bentahar
- #496. "Nutrient loads from three minor coastal rivers (N-E Algeria). Do dams function as biogeochemical factories", B. Noureddine, N. Belhadi, Y. Haridi, H. Bougadad, M. Ounissi
- #501. "Prediction of Energy Consumption of Passenger Transportation and GHG Emissions In Jordan", J.O. Jaber, A. Al-Ghandoor, I. Al-Hinti, S.A. Sawallha
- #513. "An Analysis of Rainfall Climatology in Jordan Using a Semivariogram Model", Q.Y. Tarawneh
- #527. "Pollens as Pollution Bioindicator and Air Quality in Annaba City, Algeria", T. Nadia, B. Larbi
- #532. "A Golden Key For Air Pollution Removal", S. Bedrane, Y. Antar, Z. Fandi, R. Soulimane, R. Bachir
- #539. "Green Management & Sustainability in India- A Study of Top 100 Firms in India", R. Pillania
- #543. "Design and Performance Study of a New Solar Photovoltaic Thermal Collector", K. Touafek, A. Khelifa, M. Aduane, H. Haloui
- #546. "Btex in the Exhaust Emissions of Motor Vehicles", D. Adamovic, J. Doric, M. Vojinovic-Miloradov, M. Turk-Sekulic, J. Radonic, S. Krajnovic, S. Adamovic
- #550. "Environmental Pollution by Organic Contaminants as the Contributors of the Global Warming", J. Radonic, M. Turk Sekulic, M. V. Miloradov, S. Krajnovic, D. Adamovic
- #551. "Biosorption Behavior of Methyl Orange on Vegetal Biomass", F. Atmanija, A. Bensmailib, N. Yeddou-Mezzenberb
- #556. "Extraction of Amoxycillin Antibiotic from Wastewater Using Anionic Surfactant", O. Benkortbi, O. S. Hanini, F. Bentahar
- #558. "Decontamination by Ultraviolet Light of Contaminated Water: The Case of Methylene Blue", O. Benhabiles, N. Chekir, D. Tassalit
- #565. "Fixation of CO<sub>2</sub> by the Micrometer Sized CO<sub>2</sub>-Bubbles and Thereof Caco<sub>3</sub>", J. Bang, Y. N. Jang, W. Kim, K. S. Song, C. W. Jeon, S. Chae
- #568. "Mineral Carbonation for the Blast Furnace Slag", S. Chae, Y. Jang, C. Jun, K. Ryo, S. Lee, J. Bang, K. Song, M. Lee
- #571. "Optimization of the Internal Structure and Operating Conditions of Heat Exchangers Connected to Environmental Heat Reservoirs for Maximal Efficiency and Power Demand Reduction", P. Canhoto, A. H. Reis
- #584. "Design of Optimal Computer Tracking System of Parabolic Trough Concentrator with One Rotation Axis Applied in Aride Region", A. Gama, C. Larbes, A. Malek, F. Yettou, B. Bezza
- #586. "Chaotic Behavior in Parallel-Connected Dc-Dc Buck-Boost Converters", A.N. Natsheh, J.G. Kettleborough
- #587. "Reduction of Polluted Aldehydic Compounds Using Highly Synthesized Ordered Mesoporous Materials", A. Saadi, K. Lanasri, K. Bachari, D. Halliche
- #589. "Numerical Simulation of Solar Concentrating Systems Using Trnsys for Climatic Conditions of Ghardaia (South Algeria)", F. Yettou, A. Gama, B. Azoui, A. Maleki, C. Larbes
- #593. "Oxygen Transfer in Activated Sludge Process Used for Wastewater Treatment", F.K. Kies, J. Arrar, F. Bentahar
- #594. "Study of Mechanical Behaviour of Activated Sludge after Treatment of a Pharmaceutical Effluent", M. Hafida
- #610. "Determination of Lambda-Cyhalothrine Residus in Soil by Using GC/ECD and GC/MS", A. K. Boumendjel, B. Aoumeur
- #613. "Statistical Study of Trends in Various Categories of Staff to the Concept of Environment in the Context of a Sustainable Development Policy: The Case of an Algerian Company (Amc El Eulma)", L. Bahmed, S. Aouedj, H. Lemmouch
- #614. "Process of Environmental Risks Management in Marine Industry (Refinery and Transport): Case of the Ship Tanker Rhourou El Fares Bethioua (Algeria)", L. Bahmed, M. Smaiah
- #627. "Chemical Conditions of Fertilization of Wadis Soummam and Isser Subjected to the Effects Water Retention in the Dam", Y. Belhadi, N. Bouchareb, N. Haridi, H. Ounissi
- #636. "The Impact of Global Warming on the Secondary Metabolite Compounds Production of Flower from Santolina Chamaecyparissus Growing in Algeria", L. Boudarene, S. Aitmousa, S. Aberrane, B. Belloul

	<p>#652. "Investigating the Humidity Effect of the Aircraft Air Conditioning Systems on the Efficiency of Energetic and Exergetic Efficiency in the Aircraft Air Conditioning Systems", <u>S. Tüzemen</u>, O. Altuntas, H. Karakoc, M. Z. Söğüt</p> <p>#673. "The Design of Bioreactor Landfill of Municipal Solid Waste Disposal in Al-Diwaniya City", <u>R. H. Kadhim</u></p> <p>#677. "Adsorption Capacity, Towards the Carbon Dioxide of a Chemically Activated Coal", <u>A. Addoun</u>, L. Temdrara</p> <p>#695. "Numerical Study of Natural Convection in a Fluid-Saturated Porous Media in an Elliptical Annulus With a Variable Orientation", <u>A. Bouras</u>, M. Djezzar, H. Boulechfar</p> <p>#700. "Chromate-Ion Adsorption on Silt Layer Originating from the Alluvial Deposits of the Danube River", <u>I. Issa</u>, B. Kovács, I. Czinkota</p> <p>#709. "Polychlorinated Biphenyls In Algiers Bay", <u>D. Foual-Djebbar</u>, R. Djebbar, H. Budzinski, A.Y. Ahmet</p> <p>#714. "Quantitative Assessment of the Consequences of A Major Industrial Accident by Using an Integrated Computer Package", <u>N. Ouazraoui</u>, M. Bourareche, R.N. Said, I. Sellami</p> <p>#721. "Global Warming and Its Importance on Animal Life "P. Rao, <u>J. G. Nyutu</u></p> <p>#728. "Contribution to the Electrocoagulation Treatment of the Painting Effluents", <u>N. Sabba</u>, M. T. Ahmed, R. M. D. Akretche</p> <p>#742. "Synthesis, Characterization and Lithium Insertion into a Layered Niobium Oxide", <u>W. Ouagagui</u>, N. Belmokhtar, N. Chebahi, R. Nedjar</p> <p>#745. "First Principles Analysis of the Adsorption of Aluminum Atoms on the HFN(001) Surface", <u>S. Zouambia</u>, D. Hammoutene, H. Gueddaoui</p> <p>#748. "Study of Thermal Losses mechanisms in a Flat Plat Collector", <u>A. Chaker</u>, S. Saadi</p> <p>#755. "Institutionalization of the Environmental Protection and Role of Environmental Taxation in Algeria", <u>N. Chérif</u>, B. Hadj</p> <p>#762. "Design and Implementation of a Single-Phase Solar Inverter Based on PIC 18F452 Microcontroller", <u>M. Adouane</u>, M. Haddadi, K. Touafek</p> <p>#763. "Proposal of a Process of Environmental Analysis Based on Functional Analysis", S. Saadi, <u>M. Djebabra</u>, L. Boubaker, H. Korti</p> <p>#778. "Performance of Activated Carbon for Adsorption of Amoxicillin from Water: Isotherms and Kinetics", <u>F. Addoun</u>, M. Belhachemi</p> <p>#790. "Situational-Lca (S-Lca) in the Service of the Assessment of Emission of the Noxious Gases for The Environment", L. Boubaker, <u>M. Djebabra</u>, S. Saadi, L. Mella</p> <p>#803. "Thermal Field In Sofc Fed By Ch4:Reforming Reaction and Gas Temperature Effect", <u>H. Ben Moussa</u>, B. Zitouni, H. Abdenebi, M. Zeroual, D. Haddad, B. Mébarki, K. Oulmi</p> <p>#822. "Glucose Oxidase and Catalase Derivatives for Use in Enzymatic Reactors", <u>K. Samia</u></p> <p>#831. "Competitive Biosorption of Two Basic Dyes Onto Dead Pleurotus Mutilus", <u>K. Samia</u></p> <p>#860. "Kinetics of Photocatalytic Oxidation of Rifampicin by Zinc Oxid", <u>K. Samia</u></p>
19:30-23:00	Banquet and Awards Ceremony

WEDNESDAY, JULY 11, 2012

Time	Room A	Room B	Room C
8:30-10:30	<p>Session: <b>Hydrogen Energy and Technologies in Maritime Domain for Remediation of Global Warming</b> Chair: P. Yilmaz Bolat</p>	<p>Session: <b>Greenhouse Gases: Mechanisms and Reduction</b> Chair: F. Kadoglu</p>	<p>Session: <b>Ecosystem and Biodiversity</b> Chair: J. Fuhrer</p>
	<p>Special Talk (#472). "Dynamics of Hydrogen Energy Strategies In Maritime Domain for Reducing GHG Emissions", <u>P.Y. Bolat</u></p> <p>#675. "Hydrogen Energy, A New Way to Harvest Mediterranean Sea", Y.M. Amani, B. Tansel</p> <p>#926. "Adsorption Properties of Hydrogen on Metal Decorated Carbon Nanotubes" A. Senyer, A. Tekin, N. Karatepe</p> <p>#927. "Hydrogen Adsorption Properties of Carbon Nanotubes Synthesized at Different Temperatures", <u>N. Yuca</u>, N. Karatepe</p> <p>#467. "Prevention of Cavitation on Board", <u>M. Suner</u>, O. Birdal</p> <p>#567. "Possibilities to Use Bose-Einstein Gases in Marine Engines", <u>D. Sindel</u></p>	<p>#124. "Absorption of CO<sub>2</sub> in Aqueous and Non-Aqueous Piperazine Using Stopped-Flow Technique", <u>A.V. Rayer</u>, B. Jaffary, A. Henni</p> <p>#291. "Utilizing Bamboo for Carbon Sequestration and Local Economic Development", <u>M.W. Hall</u></p> <p>#305. "Ionic Composition of Aerosols in Northwestern Turkey", <u>D.D. Genç Tokoöz</u>, G. Tuncel</p> <p>#560. "Mineral Carbonation: Turning CO<sub>2</sub> Into Useful (and Resalable) Products" <u>A. J. Benham</u>, M. Maroto-Valer</p> <p>#173. "Global Warming Gases Emissions Modeling for Greece", <u>C. Koroneos</u>, E. Nanaki, D. Rovas, G. Xydis</p> <p>#456. "Reported Variations in Plant Responses to CO<sub>2</sub> Enrichment", <u>T.S Ksiksi</u></p>	<p>#2. "The Role of the Exotic Comb Jelly Mnemiopsis Leidyi Threatens in the Southern Caspian Sea", <u>A. Roohi</u>, R. Pourgholam, A. Kideys, A. Ganjian Khenari", A. Sajjadi, R. A. Kalantari</p> <p>#338. "Preliminary Analysis on Phenological Data of Plant Species in an Urban Environment", <u>L. Massetti</u></p> <p>#578. "Effects of Elevated Carbon Dioxide Concentration on Yield and Water Use Efficiency of Bean", <u>S. J. Nazemosadat</u>, S. Shams, A. Kamkar-Haghighi, S. Zand-Parsa</p> <p>#301. "The Construction and the Ecosystem", <u>N. Ozgur</u></p> <p>#611. "Genetic Improvement of Jatropha Curcas L. for Combating the Effect of Climate Change in Nigeria", <u>M. Yusuf</u></p>
10:30-10:50	Refreshment Break		
	Room A	Room B	Room C
10:50-12:50	<p>Session: <b>Fuel Cells: Enabling Technologies for Cleaner Environment</b> Chair: F. Dogan</p>	<p>Session: <b>Climate Change Impacts-I</b> Chair: D. Wasdell</p>	<p>Session: <b>Water Resources and Management Issues</b> Chair: S.M.J. Nazemosadat</p>
	<p>Special Talk (#928) "Solid Oxide Fuel Cells: Efficient Utilization of Alcohol and Hydrocarbon Fuels", <u>F. Dogan</u></p> <p>#555. "Role of Transport Phenomena in Direct Electrochemical Oxidation of Carbon", C.J. Banas, <u>U. Pasaogullari</u></p> <p>#497. "Multi-Physics Modeling of a Flowing-Electrolyte Direct Methanol Fuel Cell", <u>C.O. Colpan</u></p> <p>#20. "Bipolar Plates in Proton Exchange Membrane Fuel Cell Design by Using Commercial CFD Tool", <u>M.E. Yousef</u>, W.M. Galal, K.M. El-Khatib, A.A. Elzatahry, M.M. Sorour</p> <p>#534. "Marti-ITU (Seagull) The First Hydrogen Powered Boat of Turkey", <u>Murat Gurhan</u> et al.</p>	<p>#23. "Effects of Climate Change on Livestock Production in Semi-Arid Nigeria: Pastoralists' Perception and Coping Strategies", <u>B.S. Malami</u>, H.M. Tukur</p> <p>#55. "The Economic Impact of Rapid Sea-Level Rise: Ice Sheet Collapse and the Social Cost of Carbon Dioxide", <u>J. Pycroft</u>, L. Vergano, C. Hope</p> <p>#65. "Multivariate Frequency Analysis of Droughts, a case of Oued Medjerda Basin in Tunisia", <u>Y. Hamdi</u>, F. Chebana, T.B.M.J. Ouarda</p> <p>#99. "Impacts of Climate Change on Cereal Production in the Setif High Plains (North-East Of Algeria)", <u>M. Fenni</u></p> <p>#204. "Planning Management Adapted to Climate Change Effects In Protected Wetlands: First Results of the Habit-Change Project in Hungary", <u>A. Malatinszky</u>, Sz. Adam, E. Falusi, D. Saláta, K. Penksza</p> <p>#458. "Balancing the Atmospheric Impact of Different Transportation Models", <u>T. Coşgun</u>, G. Kökkülünk, U.B. Çelebi</p>	<p>#174. "The Bi-Annual Evolution of Physico-Chemical Parameters During the Aeration by Destratification Mode", <u>G. Mostefa</u>, D. Abdelkader, G. Khadija, K. Ahmed</p> <p>#734. "The Performance of Mechanical Aeration Systems in the Control of Eutrophication In Stagnant Waters", <u>G. Mostefa</u>, D. Abdelkader, G. Khadija, K. Ahmed</p> <p>#285. "Investigating the Climate Change Impacts on the Water Resources of the Konya Closed Basin Area (Turkey) Using Satellite Remote Sensing Data", <u>S. Ekerin</u>, E. Sertel, F. Dadaşer Çelik, S. Durduran, M. Ağca</p> <p>#702. "Chromate-Ion Adsorption on Silt Layer Originating from the Alluvial Deposits of the Danube River", <u>I. Issa</u>, B. Kovács, I. Czinkota</p> <p>#365. "An Investigation on Effective Ballast Water Treatment System Management to Prevent Marine Pollution Caused by Shipping", <u>L. Bilgili</u>, K. Ünlügençoğlu, U. B. Celebi</p> <p>#295. "Euphrates-Tigris Basin Climate Change Impact Expectations on Runoff Volumes", <u>A. Sen</u>, M. Kicikmehmetoglu</p>
12:50-14:00	Lunch Break		

	Room A	Room B	Room C
14:00-16:00	Session: <b>Sustainable Transportation and Global Warming</b> Chair: T.H. Karakoc and O. Turan	Session: <b>Climate Change Impacts-II</b> Chair: J. Pycroft	Session: <b>Energetic and Environmental Issues-I</b> Chair: U. Pasaogullari
	<p>#195. "Green Airports &amp; Green Aviation Companies: A New View Point In Turkey", I. Yazar, E. Kiyak, T.H. Karakoc</p> <p>#515. "Investigation of Environmental Pollution and Its Effects from Piston-Prop Aircraft", <u>O. Altuntas</u>, T.H. Karakoc, A. Hepbasli</p> <p>#759. "Emission Analysis of a Commercial Aircraft for Different Ranges", H. Aydin, <u>O. Turan</u>, T.H. Karakoc, A. Midilli</p> <p>#618. "A Change in the Transportation Needs Today, A Better Future for Tomorrow – Climate Change Review", L.E.N. Ekpeni, <u>A.G. Olabi</u></p> <p>#653. "Energy Efficiency in Rail Systems and Comparison Between Rail System in Istanbul and Bus Transportation in Terms of Carbon dioxide (CO<sub>2</sub>) Emission", <u>M. Sertsoz</u>, S. Kudogan, O. Altuntas</p>	<p>#368. "Probabilistic Health Risk Assessment of PCDD/F in Vegetable Foods at Highly Polluted Area in Turkey", <u>S.A. Kilavuz</u>, E. Durmuşoğlu, A. Karademir</p> <p>#557. "Scope of Health Vulnerability and Adaptation to Climate Change in Egypt", <u>A. Saad-Hussein</u></p> <p>#664. "Health Assessment of Workers Exposed to Pollution and Thermal Stress." <u>C. Abdennour</u>, S. Boubail</p> <p>#135. "Climate Changes and the Role of Wind Vector on Nudolaria Algae Bloom in the Caspian Sea" <u>A. Sajjadi</u>, H. Khoshmanzar</p> <p>#569. "Climate Change, Farmers Vulnerability and Adaptation Strategies – A case study of Oman", <u>B.S. Choudh</u>, A. Busaidi, M. Ahmed</p> <p>#522. "Evaluation of Environmental Risk Assessment of Selective Pesticides for Mosquito Control: Impact of Dimilin on Gambia Affinis", <u>N. Soltani</u>, N. Zaidi</p>	<p>#33. "Prediction of Energy Consumption of Passenger Transportation and GHG Emissions in Jordan", <u>J.O. Jaber</u>, A. Al-Ghandour, I. Al-Hinti, S.A. Sawalha</p> <p>#137. "Comparative Environmental Impact and Sustainability Assessments of Hydrogen and Cooling Production Systems", <u>T.A.H. Rattlamwala</u>, I. Dincer, M.A. Gadalla</p> <p>#350. "Reducing Global Warming by Process Integration", <u>A. Giwa</u>, S. Karacan</p> <p>#395. "Distillery Stillage as a New and Renewable Substrate for Lactic Acid Production", <u>L. Mojović</u>, A. Djukić-Vuković, M. Vukašinić-Sekulić, M. Rakin, S. Nikolić, M. Bulatović, J.D. Pejin</p> <p>#461. "The Possibilities of Improving the Bioethanol Production from Corn Meal by Yeast Saccharomyces Cerevisiae Var. Ellipsoides", <u>S. Nikolić</u>, L. Mojović, M. Rakin, J. Pejin, M. Bulatović, A. Djukić-Vuković</p> <p>#623. "Impact of Road Traffic Near the Roads on the Cypress in the Region of Annaba Algeria", <u>N. Maizi</u>, A. Alioua, A. Tahar</p>
16:00-16:20	Refreshment Break		
	Room A	Room B	Room C
16:20-18:20	Discussion Session: <b>On the Importance of Thermodynamics Education in Energy Problems</b> Chair: O. Arnas	Session: <b>Evidence and Causes of Global Warming</b> Chair: A. Saad-Hussein	Session: <b>Energetic and Environmental Issues-II</b> Chair: R. Gomri
	Participants can actively participate in this session. Please contact Prof. Arnas for more information.	<p>#609. "Historical Evidence for Climate Driven Migrations in Portuguese Fishing Communities", <u>L. Amorim</u>, F.D. Santos, F. Costa, M.J. Roxo, M.A. Valente, L. Nunes, A. Silva</p> <p>#161. "Geo-Informatics for Global Warming and Climate Change", <u>S. Matin</u></p> <p>#185. "Understanding the Impact of Lifestyle on Individual Carbon Footprint", S. Bhojar, S. Dusat, <u>R. Shrivastava</u></p> <p>#390. Trend Analysis of Rainfall in North Cyprus", <u>R. Seyhan</u>, B. Akintuğ</p> <p>#265. "Ambient Air Pollution Monitoring in the Conditions of Mountain Relief", <u>B. Kholmationov</u>, Y.V. Petrov, H. Egamberdiev</p>	<p>#45. "Reliability Study and Evaluation of Reverse Osmosis Process in the Sea Water Desalination Station of Skikda", <u>M. Rouainia</u>, K. Mehri, M. S. Medjam</p> <p>#87. "Sustainability Concerns in Guilan Rural Architecture", <u>A. Mehranji</u></p> <p>#599. "The Building Sustainable Regulations for Social Housing in Mexico", <u>D. C. Avila</u></p> <p>#600. "Sustainable Technology for Rural Houses in Mexico", <u>S. Arias</u></p> <p>#252. "Environmental Consciousness of Local People of Yakutia under Global Climate Change", <u>Y. Zhegusov</u>, S. Ksenofontov, T. Maximov, A. Sugimoto, G. Iwahana</p> <p>#269. "Sustaining Cities Against Global Warming: Lessons from Heritage Architecture, Urban Planning and Design in Dezful, Iran", <u>S. Motawef</u></p>

THURSDAY, JULY 12, 2012			
Time	Room A	Room B	Room C
	Session: <b>Solar Energy</b> Chair: A. Al-Shehai	Session: <b>Sustainable Energy and Global Warming-II</b> Chair: J.O. Jaber	Session: <b>Waste Management</b> Chair: N.A. Elagib
8:30-10:30	<p>#359. "PV Solar Technology Status and Feasibility in Northern Cyprus", <u>M.R. Pathirana</u>, A. Muhtaroglu</p> <p>#687. "Several Aspects of Solar Buildings Towards Sustainability: The Massive Wall, Green Energy, and Early Environmental Education", <u>M. Huleihil</u>, H. Huleihil, G. Mazor</p> <p>#559. "Study, Preparation and Characterization of Porous Silicon for Photovoltaic Applications", <u>L. Zighed</u>, S. Rahmouni, M. Rouainia, A. Mahdjoub, M.S. Aida</p> <p>#562. "Increasing the Performance of Solar Water Heaters with Interfering the Components of Flat-Plate Collector", <u>A. Rostamzadeh</u>, M. Adim, S. Sabzi</p> <p>#563. "The Influence of Reflectance from Flat Stainless Steel Concentrators and Wind Effects on the Performance of the Solar Collectors" <u>A. Rostamzadeh</u>, S. Sabzi, M. Adim, H. Jalali</p>	<p>#313. "Algae Derived Biofuel", <u>K. Jahan</u>, M. Savelski, C. S. Slater, D. O'Connell</p> <p>#143. "Genetic Algorithm Approach Optimizing PV-PEMFC Hybrid System", <u>M. Hatti</u>, Z. Rouabeh, R. Nibouche, N. M. Kasbadji</p> <p>#12. "Green Energies for Sustainable Development", <u>A. M. Omer</u></p> <p>#622. "Design and Implementation of a Single-Phase Solar Inverter Based on PIC 18F Microcontroller", <u>M. Adouane</u>, M. Haddadi, K. Touafek</p> <p>#93. "Micro-Mechanical Power Generator-Energy Harvesting Device from Renewable Energy", <u>T. Cikim</u></p>	<p>#30. "The Integrated Solid Waste Management System: Its Practices and Impacts Towards the Environment", <u>N. Othman</u>, S.A. Chelliapan, N.A. Basri, M. Noor, M.N. Yunus</p> <p>#101. "Environmental Remediation Cost of Solid Waste in EEA Methodology – An Application to Turkish Tertiary Sector Solid Waste", <u>C. Seckin</u>, A.R. Bayulken</p> <p>#177. "The Assessment of Sewage Sludge Potential from Municipal Wastewater Treatment Plants for Sustainable Biogas and Hydrogen Productions in Turkey", <u>A. Abusoglu</u>, S. Demir, M. Kanoglu</p> <p>#367. "An Investigation on Waste Management Model of Ships with Life Cycle Assessment", <u>L. Bilgili</u>, T. Cosgun, U.B. Celebi</p> <p>#258. "Municipal Landfills in Romania and Landfill Gas Assessment in Terms of Climate Changes", <u>V.F. Soporán</u>, B.M. Soporán, G. Batrinescu</p>
10:30-10:50	Refreshment Break		

	Room A	Room B	Room C
10:50-12:50	Session: <b>Modeling and Simulation of Energy Systems</b> Chair: H.A.N. Hejase	Session: <b>Fossil Fuels and Climate Change</b> Chair: M.W. Hall	Session: <b>Chemical Aspects-II</b> Chair: C. Abdenmour
	<p>#24. "Second Law and Sensitivity Analysis of Circulating Fluidized Bed Power Plant Co-Firing with Olive Pits Case Study: Çan Power Plant", E. Amirabedin, H. Topal</p> <p>#216. "Performance Analysis of CO<sub>2</sub> Trans-Critical Refrigeration Cycles", R. Gomiş, N. Khellaf</p> <p>#310. "Numerical Simulation of Three-Dimensional Conjugate Laminar Mixed Convection Heat Transfer in a Heated Horizontal Duct", N. Mokrane, T. Boufendi</p> <p>#794. "Power Reclamation Efficiency of a Miniature Energy Harvesting Device Using Internal Fluid Flows", T. Çikim, A. Kaya, D. Gozuacik, A. Koşar</p> <p>#377. "Numerical Study on Natural Convection in a Fluid-Saturated Porous Media in an Elliptical Annulus with Variable Orientation", B. Abdelkarim, B. Hichem</p> <p>#207. "Thermodynamic Evaluation and Parametric Analysis of a Combined Cycle Power Plant For Ankara Site Conditions", M.A. Rahim</p>	<p>#314. "Review of the CO<sub>2</sub> Emission Factors for Coal-Fired Power Plants in Turkey", B. Ozer, S. Incecik, E. Gorgun</p> <p>#152. "Some Processes Applied for Coal Converting into Valuable Gasification Products", J. Gülen</p> <p>#149. "Chemical Treatments for Decreasing of Sulfur and Mineral Matter in Nallihan Lignite", J. Gülen</p> <p>#346. "Coal as a Component of Sustainable Energy Portfolio", M.A.A. Khan, A. Muhtaroğlu</p> <p>#621. "Remote Sensing Techniques for Monitoring Oil Pollution", T.A.İ. Colak</p> <p>#397. "Gas Flaring Practice in Nigeria and its Impacts on Global Warming: Need for Immediate Government Intervention", C. Ezeozue</p>	<p>#69. "Production and Characterization of Activated Carbon From Egyptian Rice Straw by Physical and Chemical Activation and, Application in Removal of Fe (Iii) Metals by Continuous Mode", M.A. Fattah, M. Ossman, N. Taha</p> <p>#139. "Thermodynamic Consistency of High Pressure Physical Solubility of CO<sub>2</sub>, CH<sub>4</sub> and C<sub>2</sub>H<sub>6</sub> in Genosorb 1753", A.V. Rayer, A. Henni</p> <p>#56. "Comparison of the Thermal Properties and Kinetics of the Selected Waste Wood Samples in Two Different Atmospheres", S. Yurdakul, A. Atımtay</p> <p>#639. "Kinetics of Carbon Dioxide Reaction with Aqueous Mixture of Piperazine and 2-amino-2-ethyl-1,3-propanediol", C. S. Üme, E. Alper, F.P. Gordesli</p>
12:50-13:10	CLOSURE: <u>Closing Remarks</u> in Room A		
13:10-14:30	Lunch		