



11 – 12 December 2014
Grand Midwest Tower and Hotel Conference Center
Dubai – United Arab Emirates
www.eswae.org

PROGRAM BOOK

Sponsors

Near East University, North Cyprus
Kyrenia University, North Cyprus
World Journal on Environmental Research
Association for Human, Science, Nature, Education and Technology (AH-TEC)

Organization

Academic World Education and Research Center
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PROGRAM

IMPORTANT EVENTS

11 – 12 December 2014	
08:00 – 09:30	Registration

11.12.2014 09:00 – 09:30	Opening Ceremony	Main Hall
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TIME	TITLE	SPEAKER	HALL NAME
11.12.2014 09:30 – 10:30 Keynote 1	“What is the Future for Transmission Pipelines in the Energy Market”	Dr. Mike Kirkwood Market Segment Director, Transmission T.D. Williamson Inc.	

10:30 – 11:00	Coffee Break
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TIME	TITLE	SPEAKER	HALL NAME
11.12.2014 11:00 – 12:00 Keynote 2	“A Proposal to Prevent Excessive Water Consumption- Comment on the Structure of Industrial Design Departments of Universities”	Assoc. Prof. Dr. Murat Sönmez Middle East Technical University Northern Cyprus Campus, North Cyprus	

13:00 – 13:40	Lunch Break
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12.12.2014 19:00 – 19:20	Closing Ceremony ESWAE Hall 1
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11 / 12 / 2014, Thursday

11 – 12 December 2014	
08:00 – 09:30	Registration

TIME	TITLE	SPEAKER	HALL NAME
11.12.2014 09:30 – 10:30 Keynote 1	“What is the Future for Transmission Pipelines in the Energy Market”	Dr. Mike Kirkwood Market Segment Director, Transmission T.D. Williamson Inc.	ESWAE 1

10:30 – 11:00	Coffee Break
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TIME	TITLE	SPEAKER	HALL NAME
11.12.2014 11:00 – 12:00 Keynote 2	“A Proposal to Prevent Excessive Water Consumption- Comment on the Structure of Industrial Design Departments of Universities”	Assoc. Prof. Dr. Murat Sönmez Middle East Technical University Northern Cyprus Campus, North Cyprus	ESWAE 1

ORAL PRESENTATIONS

SESSION – I; 12:00 – 13:00

ESWAE HALL 1

Session Chair :	İsmail Dabanlı	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
12:00 – 12:20	Trace Element Concentrations in the Soil of the East of Algeria	Nait Merzoug Assia, Merazig Hocine
12:20 – 12:40	Solar Irradiation Calculation using Double Probability Density Function (DPDF)	İsmail Dabanlı
12:40 – 13:00	Democratising Rivers: Local River Conflicts in Rajasthan	Renu Sisodia

13:00 – 13:40	Lunch Break
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SESSION – II; 13:40 – 15:40

ESWAE HALL 1

Session Chair :	Konstantin Kunze	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
13:40 – 14:00	Modeling of Copper Removal from Simulated Wastewater by Adsorption on to Fungal Biomass using Artificial Neural Network	Huda Mahdi Madhloom, Amal Hamza Kalil
14:00 – 14:20	Analysis of the Global Financial Crisis	Konstantin Kunze, Nikolay Didenko
14:20 – 14:40	Treatment of Distillery Effluent using Parabolic Trough Solar Collector Coupled with Bioprocess	Shanmuga Priya S
14:40 – 15:00	Effect of Beverage Industry Effluent Irrigation on Soil Properties, Growth and Yield of Paddy-Paddy Cropping Sequence	Punith Raj T. S, Srinivasamurthy C. A, Prakash S. S, Mallesha B. C
15:00 – 15:20	Arctic Sea Ice Extent in Changing Climate	Genrikh Alekseev
15:20 – 15:40	Resources Evolution in Tunisia: Application of NIPALS Algorithm and Box and Jenkins Methodology	Imen Gam

15:40 – 16:20	Coffee Break
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SESSION – III; 16:20 – 19:00

ESWAE HALL 1

Session Chair :	Tabet Ismail	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	Performance of the Flow Over the Spill Way	Amer Hassan Taher
16:40 – 17:00	Graphene Nanoplatelets Supported Pt Electrocatalysts	Elif Das
17:00 – 17:20	The New Methodic for Criosphere Control by Infrasound and Seismic Data	Yury Vinogradov, Anatoly Vinogradov, Victor Dmitriev
17:20 – 17:40	Potential use of Multi-Strain Biofertiliser to Develop Drought Resistance in Cereals	Hafiz Naeem Asghar Chudhary, Zahir Ahmad Zahir, Muhammad Ahmad Akram, Hafiz Tanveer Ahmad
17:40 – 18:00	Comparison of Heavy Metal Levels between Defined and Intermediate Genders of Scylla spp. in the Philippines	Chona Camille Evangelista Vince Cruz
18:00 – 18:20	Velocity Profile of Fluid Flow in Heterogeneous Porous Media	Olusegun Olalekan Alabi, Ademola Ezra Adeleke, Olusegun Olalekan Alabi
18:20 – 18:40	Analysis of the Thermal-Electrical Performance of PVT Air Collector	Tabet Ismail
18:40 – 19:00	Monitoring and Management of Wastewater for Safer Crop Production	Ghulam Murtaza

ESWAE HALL 2

Session Chair :	Afsane Sheikhmohammadi	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	Groundwater Contamination and Heavy Metal Detection Leached from Coal – fired Power Plant Industry in Villanueva, Misamis Oriental, Philippines	Angelo Mark Po Walag
16:40 – 17:00	Water Point Management in Shantytown and their Impact on Potable Water Resources in Developing Country: Case Study of Bafoussam-Cameroon	Nkue Nouwezem Daniel Jude, Nkue Nouwezem Daniel Jude, Sonkoue Jean Fani, Zeugan Tchouamani Raoul
17:00 – 17:20	Health, Environmental and Safety Impact Assessment of Effluent Release, Leakage and Spillage in a Gas Refinery Facility and Recommending Design Issues to Mitigate them	Afsane sheikhmohammadi
17:20 – 17:40	An Analysis of Changes in Aridity Index and its Relationship with Water Crisis in Iran	Hasan Zolfaghari
17:40 – 18:00	Optimization of Water Quality Monitoring Systems in the Case of Different Types of Water Bodies	Norbert Magyar, József Kovács, Solt Kovács, Péter Tanos, Balázs Trásy, Tamás Garamhegyi, István Gábor Hatvani
18:00 – 18:20	Treatment of Pyrolysis Process Wastewater from Oil Shale Industry with Physico-Chemical and Biological Methods (Kati Klein) and Fenton-Process with SBR Modification and Ferric Sludge Reuse in a Lab-Scale Three-Stage Treatment of Landfill Leachate	Kati Klein, Arthur Kivi
18:20 – 18:40		
18:40 – 19:00		

12 / 12 / 2014, Friday

ORAL PRESENTATIONS

SESSION – IV

09:00 – 10:40

ESWAE HALL 1

Session Chair : Hasan Gul		
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
09:00 – 09:20	Advanced Analysis on Dissemination of Pollutant Caused by Flaring System Effect Using Computational Fluid Dynamics (CFD) Fluent Model with WRF Model Input in Transition Season (Case Study : PT. Chevron Pacific Indonesia Minas, Riau)	Benedictus Asriparusa
09:20 – 09:40	Entropy Generation Analysis for Fully Developed Turbulent Flow in Transition Channels	Hasan Gul
09:40 – 10:00	The Effect of N Enriched Composted Azolla on Grain Yield of Rice Varieties in North of Iran	Majid Ashouri
10:00 – 10:20	Analysis of Four Stroke Ceramic Heater C.I. Engine using Ethanol-Diesel Blend	Muthuraman Subbiah
10:20 – 10:40	Application of Polymeric Agent for Soil Stabilization and Dust Control	Nader Abbasi, Mohammad Movahedan

ESWAE HALL 2

Session Chair : N Jayaraju		
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
09:00 – 09:20	Environmental Assessment of Land Use Land cover using RemoteSensing and GIS, Parts of south India, India	N Jayaraju
09:20 – 09:40	Destruction of Anthraquinonic Dye in Liquid Medium by Dc Glow Discharge Generated in Argon Atmosphere	Houria / Ghodbane
09:40 – 10:00	Restoration of Mangrove Forests Through Innovative Breakwater Systems for Shoreline Protection: An Evaluation of Rehabilitation Project at Carey Island, Malaysia, Malaysia	Shervin Motamedi, Roslan Hashim
10:00 – 10:20	Effect of Application of Brewery Sludge on Soil Properties, Growth and Yield of Maize	Savitha Ramanna, Dr. Srinivasamurthy C. A., Dr, Bhaskar S
10:20 – 10:40	Effect of Paper Mill Effluent Irrigation on Soil Properties, Growth and Yield of Rice in Rice-Rice Cropping System	Prabhudev Dhumgond, Srinivasamurthy C. A, Prakash S. S, Bhaskar S

10:40 – 11:20	Coffee Break
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SESSION – V
11:20 – 13:00

ESWAE HALL 1

Session Chair :	Jesy Jaleel Np	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
11:20 – 11:40	Effect of Beverage Industry Effluent Irrigation on Soil Properties, Growth and Yield of Barley and Sunflower Crops	Punith Raj T. S, Srinivasamurthy C. A, Ramakrishna Parama V. R, Bhaskar S
11:40 – 12:00	Implication of River Bed Geological Properties in Surface Water and Groundwater Interactions: A Case Study	Sina Alaghmand, Sina Alaghmand, Simon Beecham, Ali Hassanli
12:00 – 12:20	Groundwater Dependent Ecosystems in Souss-Massa Region, Southern Morocco: An Assessment of Ecosystem Services	Abdelaziz Hirich
12:20 – 12:40	Demarcation of Groundwater Prospect Zones: A Case Study of Coastal Area of Arabian Sea in the Urban Regions of South India	Jesy Jaleel Np
12:40 – 13:00	Physical Verification of the Effect of Land Features on Runoff Curve Number	Surendra Kumar Mishra

ESWAE HALL 2

Session Chair :	Ivar Zekker	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
11:20 – 11:40	Assessment of Temperature based equations for ETo estimation by FAO Penman-Monteith Method for Betwa Basin, Central India	Ashish Pandey, Reetesh Kumar Pyasi
11:40 – 12:00	Synthesis, Characterisation and Application of Imidazolium Based Long Chain Ionic Liquid Modified Montmorillonite Sorbents for the Removal of Amaranth Dye	Isiaka Ayobamidele Lawal, Brenda Moodley
12:00 – 12:20	Increased Nitrogen Removal in Cold (9-15° C) Deammonification Biofilm Reactor Tests by Smooth Temperature Decreasing	Ivar Zekker
12:20 – 12:40	Qualitative Assessment of tube well and Canal Irrigation Water Of Thul, District Jacobabad, Sindh, Pakistan	Nisar Ahmed Pahore, Waqar Ahmed Pahore
12:40 – 13:00	Assessment and Application of the WARSEM Model to Estimate and Predict of Road Erosion Rate in Darabkola Forest Roads of Ira	Ataollah Kaviani, Ata Safari, Aidin Parsakhoo

13:00 – 13:40	Lunch Break
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SESSION – VI
13:40 – 15:40

ESWAE HALL 1

Session Chair :	Vladimir Smirnov	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
13:40 – 14:00	Plant Species Distribution Analysis Based on Geo-Environmental Variables	Zeinab Jafarian, Mansoureh Kargar
14:00 – 14:20	Usage of the Numerical Coupled Ice-Ocean Model for the Operative Short-Range Ice Forecasts in the Russian Arctic Seas	Sergey Vladimirovich Klyachkin
14:20 – 14:40	Detection of Potentially Dangerous Ice Features in the Arctic Seas with the use of Satellite Imagery	Vladimir Smirnov
14:40 – 15:00	Modelling of Heat and Mass Transfer of an Absorber of a Solar Adsorption Chiller	Rabah Gomri
15:00 – 15:20	Treatment of Pyrolysis Process Wastewater from oil Shale Industry with Physico-Chemical and Biological Methods	Kati Klein, Arthur Kivi, Deniss Klauson, Ivar Zekker, Marina Trapido, Taavo Tenno
15:20 – 15:40	Organic Carbon Storage in soils –as Influenced by Tree Species in Single and Mixed Forest Plantation Ecosystems	Iftekhhar Uddin Ahmed, Andrew R Smith, David L Jones, Douglas L Godbold

ESWAE HALL 2

Session Chair :	Mohamed Elkaftangui	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
13:40 – 14:00	Fenton-Process with SBR Modification and Ferric Sludge Reuse in a Lab-Scale Three-Stage Treatment of Landfill Leachate	Arthur Kivi, Kati Klein, Deniss Klauson, Juri Bolobajev, Marina Trapido, Taavo Tenno
14:00 – 14:20	Challenges of Water Governance and Energy Security in Central Asia	Dilshod Ibromkhimov, Zulfiya Bafoevna Mamatova
14:20 – 14:40	The Convergence-Divergence Test of the Economic Growth in the Global Economy	Nikolay Didenko, Djamilya Skripnuk
14:40 – 15:00	Optimization of Different Building Concepts As An Approach to Develop Eco Design in Siwa Oasis (Theoretical and Experimental Study)	Mohamed Elkaftangui
15:00 – 15:20	Study and Analysis of a Solar Adsorption Refrigeration Machine with Mass Recovery Process	Rabah Gomri, Billal Mebarki
15:20 – 15:40	High Molecular Weight Polyacrylamide: Synthesis, Characterization, and its Application as Sand Stabilizer	Mahmoud Allawy Mohsin

15:40 – 16:20	Coffee Break
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SESSION – VI
16:20 – 19:00

ESWAE HALL 1

Session Chair : Florencia F. Marquez		
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	A Review of Emerging Trends on Water Quality Measurement Sensors	Karunesh K Gupta
16:40 – 17:00	Sun Generated Water (SGW)	Kassim Boudjelal Safir
17:00 – 17:20	Biodiversity of Aspergillus Species in Different Aeromycological Studies in Chhattisgarh, India	Kavita Sharma
17:20 – 17:40	Renewable Energy is the Key Solution for Water Scarcity in UAE	Riadh Hamid AL-Dabbagh
17:40 – 18:00	Development and Validation of a Wordlist Translated from English to Filipino of Academic-Administrative Terms: An Attempt at Formulating Guidelines for Policy Making	Florencia F. Marquez
18:00 – 18:20	Water Pollution	Aishani Naskar
18:20 – 18:40	Levels, Sources and Risk Assessment of Traffic-Related Heavy Metals in Roadside Soil, Water and Vegetation from a Textile City, Pakistan	Hamaad Raza Ahmad
18:40 – 19:00	The Prevalence and Diversity of Legionella Pneumophila in Domestic and Environmental Water Isolates in Kuwait	Ashraf Ahmad

ESWAE HALL 2

Session Chair : Shaukat Ali		
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	Bacterial Consortium with ACC-Deaminase Activity for Inducing Salinity Tolerance in Cereals	Zahir Ahmad Zahir, Muhammad Yahya Khan, Hafiz Naeem Asghar
16:40 – 17:00	Coagulation Property of the Extracts of Moringa Oleifera Seed(EMOS) in Removing Turbidity from Clay Processing Industrial Effluent Water and its Post Treatment Analysis	Mathew Kollamana Koshy
17:00 – 17:20	Assessment of Drinking Water Quality of Barmas and Jutial Water Supply Complexes, Gilgit, Pakistan	Shaukat Ali
17:20 – 17:40	Dilute Acid Pretreatment of Bamboo for the Production of Fermentable Sugars	Narendra Naik Deshavath
17:40 – 18:00	Underexploited Environmental Benefit in Climate Change and Agro-Forestry for Carbon Sequestration in Sub-Sahara Africa	Oyebola Adebola Adebola Elemide
18:00 – 18:20	Life Cycle Assessment of Synthesizing Materials for Li-Ion battery by a Facile Spray Drying Method	Zahra Padashbarmchi
18:20 – 18:40	Quality Attributes of Water Treated with Different Dosage of Moringa Oleifera and Hydrated Lime	Oluwasola Ebenezer Idowu
18:40 – 19:00	The Role of Human Resource Management in promoting Corporate Social Responsibility in public Sector: A Case of PPL-Pakistan	Muhammad shoaib khan

12.12.2014 19:00 – 19:20	Closing Ceremony ESWAE Hall 1
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11 / 12 / 2014, Thursday

POSTER PRESENTATIONS

11.12.2014		
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
11:20 – 12:20	Comparison of Distinguished Similar Areas on the Hungarian and Austrian Side of Lake Fertő/Neusiedler See based on Water Chemistry Monitoring Data	Tamás Garamhegyi, Norbert Magyar, József Kovács, Mária Dinka, Alois Herzig, István Gábor Hatvani