

Day 1: October 7, 2019

Venue: Faculty of Civil and Environmental Engineering, Pink Hall

9.00 –09:30: Registration

09:30 – 11:00: Opening Ceremony

Opening speeches:

President of the Conference:	Prof. Dr. Hüseyin GÖKÇEKUŞ
TDMMB	Recep KARAMEHMETOĞLU
Vice Rector of Near East University:	Assoc. Prof. Dr. Mustafa KURT
Mayor of Gönyeli	Ahmet Benli
TRNC Ministry of Tourism and Environment	Ünal Üstel
Prime Minister of TRNC	Ersin Tatar

Coffee Break: 11:00-11.15

Plenary Speeches:

11:15 – 11.45: Plenary Lecture by Prof. Dr. Hani HAMDAN

“Self-organizing maps for interval-valued data. Application to the analysis of climate and meteorological data”

11:45 – 12.15: Plenary Lecture by Prof. Dr. Oleg S. GLAZACHEV

“Cross-Effects Of Adaptation To Natural Factors - A New Way To Increase Human Resilience In Environmental Crisis Conditions”

12:15 – 13:00 Plenary Lecture by Recep KARAMEHMETOĞLU

Türk Dünyası Mühendisler ve Mimarlar Birliği Çevre Komisyonu Üyesi

“Sakarya Metropolitan Municipality Integrated Solid Waste Management”

Lunch Break: 13:00 – 14:00

14:00- 16:00 Session 1:Energy and Development: New and Renewable Energy**14:00- 14:30: Plenary Lecture by Prof. Dr. Derin Orhon**

Reshaping the activated sludge process: Has the time come or pass

Moderator: Prof. Dr. Cengiz YATMAZ**1. Hüseyin ÇAMUR, Youssef KASSEM, Salah M. ALSAYAS**

Design And Development Of Integrated Savonius Micro-Small Scale Vertical Axis Wind Turbine For Power Generation In Tripoli, Lebanon

2. Lida Ebrahimi VAFAEI, McDominic EZE, Engin ESENEL, Sarah BENSTEAD

Effects Of Thermal Energy On Solar Cooker When Considering Cyprus Weather

3. Youssef KASSEM, Hüseyin GÖKÇEKUŞ, Julia ALJAMAL

Techno-Economic Feasibility Of 5 MW Grid-Connected Wind Farm/PV Plants Power System For A Mountain Location In Northern Cyprus: A Case Study

4. Ahmed SAMOUR, Aliya Zhakanova ISIKSAL, Turgut TÜRISOY, Youssef KASSEM, Hüseyin GÖKÇEKUŞ

Testing The Impact Of Real Exchange Rate, Income, Trade, Fdi, And Energy On Turkey's Carbon Emissions

5. Youssef KASSEM, Hüseyin ÇAMUR, Moad M. MIZRAN

Micro Scale Wind Turbine And PV System In Beirut, Lebanon: Comparative Study

Coffee Break: 16.15-16.30**16:30- 18:30 Session 2:The Role of Media: Problems and Challenges****16:15- 17:15: Plenary Lecture by Prof. Dr. Cengiz YATMAZ**

“Sequential Treatment Of Industrial Wastewater By Electro-Fenton And Electrocoagulation Processes”

Moderator: Prof. Dr. Derin Orhon**1. Pınar GÜLTEKİN**

Management Structure Proposal For Riparian Zone Stakeholders: Example Of Asar Stream

2. Lida Ebrahimi VAFAEI, McDominic EZE, Engin ESENEL

An Investigation Maximum Power For Tracking Of Photovoltaic System

3. Yu. M. Grishaeva, P.C. Kesavan, O. S. Glazachev, S. N. Glazachev, I. V. Spirin, V.A. Gagarin

Sustainable Development For A Secure Future: An Overview Of Challenges And Key Solutions

4. Hatice Erkurt, Joshua OLAIFA

Biosorption Of Levafix Brilliant Blue Dye Using Dried Saccharomyces Cerevisiae: Kinetics, Equilibrium And Thermodynamic Assessment

5. E.I. CHEMBARISOV

Problems Of The Pollution In Transboundary Rivers Basin Of The Aral Sea And The Ways Of Their Solution

6. Isma ROSYIDA

Political Ecology Of Tin Mining: A Study On Marginalization Of Coastal Resource Dependent Communities In Indonesia

7. Ayten PEHLIVAN

Comparing Biodiversity Conservation Policies In Two Mediterranean Islands; Cyprus And Malta

Dinner: 19:30 Ömerli Restaurant: hosted by Mayor of Gönyeli; Ahmet Benli

Day 2: October 8, 2019

Venue: Faculty of Civil and Environmental Engineering, Pink Hall

09:00- 09:30: Plenary Lecture by Prof. Dr. Walter KOFLER

“Darwinism and the future of a Globalized World”

09:30- 11:15 Session 1: Sustainable Water Systems and Management

Moderator: Prof. Dr. Rifat AKBIYIKLI

1. Kübra KESER, Mehmet Çağrı SOYLU, Hamdi MIHÇIÖKUR

A Novel Method For Arsenic Analysis By Using QCM Biosensor

2. Rana KIDAK, Mohammed QADIR, Peshawa MAHMOOD

Application Of Disinfection Methods On Wastewater In Nicosia, North Cyprus And Comparison With The Global Microbial Water Quality Standards For Non-Food Crop Irrigation

3. Walter KOFLER

Health Oriented Recreation In Marine Ecosystem-Endangered By Preventable Consequences Of International Shipping

4. Osama ALAYISH, Tahir ÇELİK

Extending Disposal Route Of Dewatered Sewage Sludge Produced From The Wastewater Treatment Plant In Nicosia Towards Sustainable Building Materials

5. Mordecai MAISAINI, Kamil DIMILILER, Huseyin GOKCEKUS, Dilber Uzun OZSAHİN

Intelligent Learning Systems For The Environmental Factors That Affect The Distribution Of Some Leishmaniasis Vectors.

6. Vahid NOURANIA, Mina SAYYAH-FARD, Mohammad Taghi ALAMI, Elnaz SHARGHI

The Hybrid Effect Of Wavelet Denoising And Sensitivity Analysis On The Evaporation Modeling Uncertainty At Different Climatic Regions.

7. Lucretia DOGARU

Competition On The Sustainable Development Of The Environment

8. Menyie Essomba PAMELA, Felicite Mouangue MANDONE

Cameroon Inefficiency To Exploit Clean Water, Sun And Biomass Energies For The Consumption Of Its Local Population

9. Hüseyin GOKÇEKUŞ, Vahid NOURANI, Saied JAFARIROODSARIA,

Determination Of Coastal Setback, A Managerial Tool For Coastal Conservation “Case Study In Western Coasts Of Persian Gulf Shipbuilding Complex”

Coffee Break: 11.15-11.30

11:30- 13:00 Session 2: Seas, Ecological Balance, and Sustainable Environment

Moderator: Prof. Dr. Salih GÜCEL

1. Aida Hosseini BAGHANAM, Vahid NOURANI, Ali SHEIKHBABAEI, Arshia Jedary SEIFI

Assessment Of Two Statistical Downscaling Methods For A Semi-Cold Region In Iran

2. Amin RIAZI, Umut TÜRKER, Gholam Reza RAKHSHANDEHROO

The Impact Of Stream Head Fluctuations On The Adjacent Confined Heterogeneous Aquifer

3. Antonio E. PALOMARES, Teresa MONTAÑES

Integrating Sustainability In Engineering Education

4. Hüseyin GÖKÇEKUŞ, Vahid NOURANI, Saied JAFARIROODSARIA

Coastal Groundwater Impact On Artificial Recharge System By Monitoring Piezometer Wells

5. Ikenna UWANUAKWA

Deep Learning Application on Sea Turtle Monitoring

6. Vahid NOURANI, Elnaz SHARGHI

Estimating Piezometric Heads Of Earth Fill Dam Using Ensemble Ai-Based Models

7. Abdullahi Garba USMAN, Usama ALSHANA, Jude CALEB

Determination Of Total Hardness Of Water From Six Municipalities Of North Cyprus Tap Water By Complexometric Titration

8. Ikenna UWANUAKWA

Monitoring of Deep Sea Using Convolutional Neural Network

9. Vahid NOURANI, Ehsan FOROUMANDI, and Elnaz SHARGHI

Artificial Neural Network Modelling Of The Environmental Quality For A Semi-Arid Region Using Remote Sensing Tools

Lunch Break: 13:00 – 14:00

14:00- 16:00 Session 3: The Role of Media: Problems and Challenges

14:00- 14:30: Plenary Lecture by Prof. Dr. Rifat AKBIYIKLI

“Sustainable Construction and Circular Economy”

Moderator: Prof. Dr. Hani HAMDAN

1. Alhamza DERKI, Pinar AKPINAR

A Review On The Impact Of Construction And Demolition Wastes On Environment And The Feasibility Of Their Re-Use As Recycled Concrete Aggregates

2. Hiba AL ATTAR, Pinar AKPINAR

Performance Of Environmentally-Friendly Concrete Made Using Increased Quantities Of Construction And Demolishing Wastes

3. Vahid NOURANI, Ibrahim Khalil UMAR, Hüseyin GÖKÇEKUŞ

Application Of Artificial Neural Network In Modeling Vehicular Traffic Noise

4. Hasan RÜSTEMOĞLU

A Step Towards Environmentally Sustainable Road Transportation: The Case Of Turkey

5. Hüseyin GÖKÇEKUŞ, Vahid NOURANI, Ibrahim Khalil UMAR

Vehicular Traffic Noise Modelling Using Adaptive Neuro-Fuzzy Inference System

6. Vahid NOURANI, Hossein KARIMZADEH, Aida Hosseini BAGHANAM

Forecasting CO Pollutant Concentration Of Tabriz City Air Using Artificial Neural Network And Adaptive Neuro-Fuzzy Inference System And Its Impact On Sustainable Development Of Urban

7. Dilber Uzun OZSAHIN, Gülsüm AŞIKSOY, Berna UZUN, Huseyin GOKCEKUS

Evaluation Of The Learning Models Using Multi-Criteria Decision Making Theory

8. Maram ALMUHISEN, Hüseyin GÖKÇEKUŞ, Berna UZUN, Dilber Uzun OZSAHIN

Selecting And Evaluating The Best Public Private Partnership Contract

9. Umoru Adejo YAKUBU

Good Governance And Environmental Management In Oil Producing Communities In Nigeria

Coffee Break: 16.00-16.15

16:15- 17:30 Session 4: The Role of Media: Problems and Challenges

16:15- 16:45 Plenary Lecture by Dr. Azhari F. M. Ahmed-Nobel Peace Prize for 2007 to the IPCC Executive Manager and Co—Founder of Eco Qatar, LCC

Climate change sustainable development mitigation opportunities for energy sector in Qatar

Moderator: Prof. Dr. Walter KOFLER

1. Lucretia DOGARU

Environmental Crime – A Real Risk To The Environment And To The Human Rights

2. Hamit ALTIPARMAK, Meliz YUVALI, Şerife KABA

Classification Of Trash Using Artificial Intelligence Methods

3. Ibrahim Khalil UMAR, Hüseyin GÖKÇEKUŞ, Dilber Uzun OZSAHIN

Comparative Analysis Of Flexible Pavement Design Methods

4. Pınar GULTEKIN

Landscape Design Recommendations For Reducing Urban Crime Rate And Citizenship Victim

5. Selma GÜNER, Pınar GULTEKIN

Landscape Biography Of Urban Cultural Heritage: Example Of İstanbul Üsküdar Coastal Band

6. John Onyinyechukwu ANONYEI, Ovoke David EKE, Busuyi ATOKI

Impact Of Deforestation On Greening The Nigeria Environment

7. Musilimu Adeyinka ADETUNJI

Perception Of Effects Of Extreme Rainfall On Transport Infrastructure In Lokoja Metropolis

8. Olusegun Michael IGE

Pursuance Of Sustainable World Through Educational Marketing In Nigeria

9. Youssef KASSEM Huseyin GOKCEKUS

Assessments Study Of The Challenges Of Urban Domestic Water Supply Challenges In Africa: A Comparative Study

Dinner: 19:00

Day 3: October 9, 2019

Venue: Faculty of Civil and Environmental Engineering, Pink Hall

09:00- 09:30: Plenary Lecture by Prof. Dr. Jim La Moreaux

“Sustainable Water Resources Management”

09:30- 11:15 Session 1: Islands and Climate Change

14:15- 14:30: Plenary Lecture by Prof. Dr. Gokmen Tayfur

“ Development in Sediment Transport modeling”

Moderator: Prof. Dr. Vahid Nourani

1. Felicite Mouangue MANDONE

Vulnerable Pollution, Cameroon Tackles The Problem Head-On

2. Jerome Kume ISOH

Environment And Health: Effects Of Chemical Inputs Indigenous Farmers Versus Agro Industrial Company, The Cameroon Development Corporation (C.D.C).

3. Gülsüm AŞIKSOY, Amiri AMIRABBAS

Food Security, Environmental Education, And Education For Sustainability: A Review Of The Notions And The Literature

4. Wakiludowu LAMIDI, Wisdom Onyemehi UFOMBA

Effect Of Waste Mismanagement On Health And Economy In Nigeria.

5. Venkatesh MERWADE, Muhammed Adnad RAJIB, SukruTaner AZGIN

SWAT Model Application For Upper Wabash Watershed In Indiana

6. Ayşe TOPAL, Şifa DOĞAN

Pharmaceutical Waste Characterization And Disposal Alternatives In North Cyprus

7. Ayşe TOPAL, Şifa DOĞAN

Understanding public behavior on pharmaceutical use, disposal and participation in waste management for policy development in North Cyprus.

8. Sinem YILDIRIM, Özge ÖZDEN

Green Roofs and Sustainability

Coffee Break: 11.15-11.30

11.30- 12:45 Session 2: Islands and Climate Change

Moderator: Prof. Dr. Oleg S. GLAZACHEV

1. Vahid NOURANI, Vahid REZAVERDINEJAD, Sayed-Saber SHARIFI

Artificial Intelligence Models For Estimation Of Monthly Global Solar Radiation: Performance Comparison Of ANN And ANFIS Models

2. Osaro OBHOKHAN

Evaluation Of Rural Water Supply Schemes In Selected Communities In Ile Oluji Area, Ondo State, Nigeria

3. Daniel Chu KWANSU

Environment And Plastic Waste Management

4. Jazuli ABDULLAHI, Vahid NOURANI, Gozen ELKIRAN, S.I. ABBA

Data Post-Processing Approach To Enhance AI Based Modeling Of BOD

5. Imad ud din AHMED , Anoosheh IRAVANI

Geo-Environmental Solution Of Plastic Solid Waste Management Using Stabilization Process

6. Hamit ALTIPARMAK, Ramiz SALAMA, Hüseyin GÖKÇEKUŞ, Dilber Uzun ÖZŞAHİN

Decreasing The Bad Effects Of Climate Change On Islands, By Supporting Of Artificial Neural Network Technology

7. Askin KIRAZ

Environmental Responsible Consumption Behavior and Altitude : A Case Study in Northern Cyprus

8. Ramiz SALAMA, Hamit ALTIPARMAK, Beste ÇUBUKÇUOĞLU

Prediction Of Renewable Energy Consumption For Future World By Using Artificial Neural Networks

Lunch Break: 13:00-14:00

14.00- 16:00 Session 3:Islands and Climate Change

Moderator: Prof. Dr. Umut TÜRKER

1. Mansur Muhammad ALIERO

Spatio-Temporal Assessment Of Land Cover Change And Vegetation Degradation Using Remote Sensing And DPSIR Framework In Kebbi State, Nigeria

2. Kezban ALPAN

Analysis Of Relationship Between Global Warming And Rising Cancer Rates

3. Samuel Nii TACKIE

Renewable Energy Sources In Ghana

4. Bello IMAMUDEEN

Reliability and Cost Evaluation of a Wind Power Delivery System

5. Youssef KASSEM, Hüseyin ÇAMUR, Engin ESENEL, Nagesso HADJI

Evaluation Of Solar Energy Potential In Ethiopia As Power Generation Source: A Case Study At 100 Selected Cities

6. Serap KALFAOĞLU, Tahir AKGEMCI, Eda ESER

Application of European Foundation For Quality Management (EFQM) Excellency Model In Health Sector

7. Serhat CANBOLAT, Gülsüm AŞIKSOY, Hüseyin GÖKÇEKUŞ

The Effects Of The Gamified Flipped Classroom Method On Students' Pre-Class Online Behaviour Engagement And Achievement: Natural Gas Engineering Course Case

8. Youssef KASSEM, Hüseyin GÖKÇEKUŞ

Water Resource In Syria: Review Study

9. Musilimu Adeyinka ADETUNJI

An Analysis Of Trips To Fetch Firewood For Domestic Cooking And Its Environmental Impacts In Ayedaade Local Government Area Of Osun State

10. Oktay YILDIZ

Limitations to Arid-land Afforestation Practices in the Central Anatolian Region

11. Oktay YILDIZ

Establishing Almond Orchard on Karstic and Water Limited Central Taurus Mountain Regions of Southern Turkey

Day 4: October 10, 2019