

# WPMC-2023 & NRSEM-2023 Conferences Program

**DAY 2 (15 December 2023)**

**MODERATOR: MUSTAFA ALAS**

**09:00 - 10:30 ROOM 1 - SESSION 1 (CYPRUS TIME)**

**WATCH LINK: <https://www.youtube.com/watch?v=hYlOmgyXDGg>**

	PRESENTER	TITLE
09:00-09:15	Oleg S. Glazachev	Two Nobel Prizes Support the Extended View
09:15-09:30	Ilyar Nazari Khanmiri	Deep Learning Based Statistical Downscaling Of Regional Climate Models
09:30-09:45	Mina Sayyah-Fard	Assessing Uncertainty of Drought Risk in an Arid Climate in Iran
09:45-10:00	Sadia Isse Farah	Assessment of Sustainable Development Goal 6 (SDG6) Progress in Somalia Using the SDG6 Policy Support System (SDG6 PSS) Tool
10:00-10:15	Abdullah YASEEN QASIM	Exploring the Dynamics of Lake Konari (Safranbolu): A Study on an Undiscovered Natural Wonder
10:15-10:30	KANDRY Hafsa	Improving Electricity Production Through Implementation Using Thermoelectric Cooling System

**BREAK**

**10:45 - 12:15 ROOM 1 - SESSION 2 (CYPRUS TIME)**

**WATCH LINK: <https://www.youtube.com/watch?v=0HW8HRjPiLs>**

	PRESENTER	TITLE
10:45-11:00	Anoosheh Iravanian	Volume Change Properties of Sand-bentonite with Cement Addition
11:00-11:15	Oleksiy Melnyk	Optimization Of Maintenance And Chemical Cleaning Methods For Shipboard Seawater Desalination Plants
11:15-11:30	Hanane Merouchi	Comparison Of Groundwater Recharge Estimation Methods In Semi-Arid Upper Cheliff Alluvial Aquifer, Algeria
11:30-11:45	Hamza Saeed	Compressibility Characteristics of Hydrocarbon Contaminated Beach Sand Under Static and Repeated Loadings
11:45-12:00	Halima Boudra	Hydrogeochemical Assessment Of Thermal Waters From Bou Hadjar Geothermal System. North East Of Algeria
12:00-12:15	Behnaz Shirgir	Integration of Artificial Intelligence with Environmental Biosensors

**BREAK**

**12:30 - 14:00 ROOM 1 - SESSION 3 (CYPRUS TIME)**

**WATCH LINK: <https://www.youtube.com/watch?v=VUZUGP1diSQ>**

	PRESENTER	TITLE
12:30-12:45	Salih Saner	Oil Pollution Remediation Using Petroleum-Degrading Bacteria In Aerobic Environments: An Overview
12:45-13:00	Nadire Cavus	Sustainable Agriculture: IoT-Based Smart Irrigation Systems
13:00-13:15	Şevin Dicle Binbir	Natural Resource-Based Solutions For Water Management: An Innovative Approach To Sustainable Design In Architecture
13:15-13:30	Alireza Gholami	Smart City Synergy: Economic and Environmental Advantages via Microgrid Smart Grid Integration
13:30-13:45	Saeed Hussein Alhmoud	The Influence of the Mediterranean Climate on Interior Architecture Based on Survey Environmental Climatic Conditions
13:45-14:00	Firdevs Emine Sezer	Urban Mining Applied to a Sustainable Building: A Reliable Solution for Future Cities

**BREAK**

**14:15 - 15:45 ROOM 1 - SESSION 4 (CYPRUS TIME)**

**WATCH LINK: <https://www.youtube.com/watch?v=nq0BTJgZZw0>**

	PRESENTER	TITLE
14:15-14:30	Filiz Dadaser-Celik	Assessment of Land Use/Cover Changes in the Central Anatolia Region (Türkiye) using NDVI
14:30-14:45	Bouderbala	Water Resources Management for Mitigating Soil Salinization in the Oasis of Beni-Abbes: A Case Study from South-West Algeria
14:45-15:00	Rabhi Aicha	Harmonizing Sustainability: Advancing Building Materials through the Integration of Thermal, Mechanical, Lighting, and Acoustic Properties in Plaster/Polystyrene Bio-Composites
15:00-15:15	Igor Vujović	Introducing to Mariners Education Remote Sensing in the Monitoring of Oil Spills in Maritime Areas
15:15-15:30	Nadire Cavus	A Systematic Literature Review on the Risk-Based Management Systems of Water Resources

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15:30-15:45	Oluwatoyin Abidemi Somoye	AI and Climate Change: Theories, Tools, Benefits & Disbenefits
<b>BREAK</b>		
<b>16:00 – 17:30 ROOM 1 - SESSION 5 (CYPRUS TIME)</b>		
<b>WATCH LINK: <a href="https://www.youtube.com/watch?v=GssjOwL71_Y">https://www.youtube.com/watch?v=GssjOwL71_Y</a></b>		
	<b>PRESENTER</b>	<b>TITLE</b>
16:00-16:15	Meryem Bahadiroglu	How To Lower The Environmental Burdens Of A Restaurant
16:15-16:30	Öyküm Berfin Gülergül	Importance Of Agriculture–Based Geothermal Heated Greenhouse Specialized Organized Industrial Zones For Regional Development: Case Study, Türkiye
16:30-16:45	Oleksiy Melnyk	Improving The Performance Of Shipboard Water Desalination Plants And Methods Of Scale Control In Seawater Distillation Systems
16:45-17:00	Pelin Soyertaş Yapıcıoğlu	Investigation On Reduction Of Greenhouse Gas Emissions From Groundwater Treatment Using Carob Seed Derived Biochar: An Experimental And Computational Study
17:00-17:15	Can Kara	Urban Development And Flood Risk Analysis Of Yılan Dere, İskele, Northern Cyprus
17:15-17:30	Gokhan Onder	Zero Waste Management In Recent Years

# WPMC-2023 & NRSEM-2023 Conferences Program

**DAY 2 (15 December 2023)**

**MODERATOR: BEKİR FIRINCIOĞLU**

**09:00 - 10:30 ROOM 2 - SESSION 1 (CYPRUS TIME)**

**WATCH LINK: <https://www.youtube.com/watch?v=2U2VIt32BE4>**

	<b>PRESENTER</b>	<b>TITLE</b>
<b>09:00-09:15</b>	Shaban Ismael Albrka Ali	The Role of Asphalt Mixture Modifiers in Climate Change Impacts Mitigation on Roads Infrastructure
<b>09:15-09:30</b>	Faed Mahmoud Buojaylah Fayid	The Impact Of Conflict Waste Generation On Climate Change And Sustainable Development: A Case Of Libya
<b>09:30-09:45</b>	Semanur Genç	How sustainable is Campus Dining?
<b>09:45-10:00</b>	Ali Emir İnce	Importance Of Transboundary Aquifer: Case Study: Güzelyurt Aquifer
<b>10:00-10:15</b>	Palang Moronke Guful	Numerical Simulation of Nitrogen (N <sub>2</sub> ) and Carbon Dioxide (CO <sub>2</sub> ) Injection into Coal Bed Methane Reservoirs for Enhanced Gas Production: An Investigation towards Cleaner Energy.
<b>10:15-10:30</b>	Yahya Jani	Reusing Reclaimed Water Towards Sustainability Of Water And Energy

**BREAK**

**10:45 - 12:15 ROOM 2 - SESSION 2 (CYPRUS TIME)**

**WATCH LINK: <https://www.youtube.com/@YakinDoguUniversitesiOfficial>**

	<b>PRESENTER</b>	<b>TITLE</b>
<b>10:45-11:00</b>	Salim Akyürek	Contribution Of Smart Cities To Sustainable Tourism And Becoming A Smart Tourism Capital
<b>11:00-11:15</b>	Mohammad Bejani	Assessing the soil erosion rate of Minnesota using the Revised Universal Soil Loss Equation (RUSLE)
<b>11:15-11:30</b>	Ezgi Şahin Yucel	Establishing a Mediterranean Hub on Pollution Management: A Holistic Approach for Sustainable Aquatic Ecosystems
<b>11:30-11:45</b>	Shofwatul Fadilah	Rationalization of Rainfall Stations in the Bedadung Watershed using the WMO and Kriging Methods
<b>11:45-12:00</b>	Mariem Trifi	The Investigation of Artificial Intelligence Techniques for Monitoring the mobility of heavy metals in Acid Mine Drainage Environments
<b>12:00-12:15</b>	Yahya Jani	City trees-infiltration of water and mitigation of climate change

**BREAK**

**12:30 - 14:00 ROOM 2 - SESSION 3 (CYPRUS TIME)**

**WATCH LINK: <https://www.youtube.com/@YakinDoguUniversitesiOfficial>**

	<b>PRESENTER</b>	<b>TITLE</b>
<b>12:30-12:45</b>	Muloh Gariba Sheron	Effects of frac fluid and proppant on hydraulic fracture geometry and transmissivity: Taylor Sandstone case, Texas
<b>12:45-13:00</b>	Irem Onat	Environmental Impacts of Profile Pipe Manufacturing
<b>13:00-13:15</b>	Elif Hilal Arıkan	Evaluating The Environmental Sustainability Of A Restaurant
<b>13:15-13:30</b>	Eli Marušić	Relationship Between Marine and Coastal Resources and Revenues in Nautical Ports System
<b>13:30-13:45</b>	Meryiem Derraz	Circular Economy Matrix for Sustainable Energy Harvesting
<b>13:45-14:00</b>	Bensaid Loubna	Comparative Study of Piezoelectric Energy Harvesting Techniques

**BREAK**

**14:15 - 15:45 ROOM 2 - SESSION 4 (CYPRUS TIME)**

**WATCH LINK: <https://www.youtube.com/@YakinDoguUniversitesiOfficial>**

	<b>PRESENTER</b>	<b>TITLE</b>
<b>14:15-14:30</b>	Ersi Kalfoğlu	Beta-Lactam-Containing Antibiotics In Wastewater And Their Effect In The Ecosystem
<b>14:30-14:45</b>	Nadire Cavus	Building Tomorrow: Green and Sustainable Imperatives in Smart City Development
<b>14:45-15:00</b>	Salih SANER	Geotectonic Evolution Of The Island Of Cyprus
<b>15:00-15:15</b>	Can Kara	Importance of Coastal Zone Management: Case Study Tatlısu (Akatou) Cyprus
<b>15:15-15:30</b>	Deniz Miralay	Public Perception Of The Relationship Between Global Warming And Renewable Energy Among Middle School Students: A Case Study Of Lefkoşa

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15:30-15:45	Firdevs Emine Sezer	Environmental Life Cycle Assessment of a Sustainable Building
<b>BREAK</b>		
<b>16:00 – 17.30 ROOM 2 - SESSION 5 (CYPRUS TIME)</b>		
<b>WATCH LINK: <a href="https://www.youtube.com/@YakinDoguUniversitesiOfficial">https://www.youtube.com/@YakinDoguUniversitesiOfficial</a></b>		
	<b>PRESENTER</b>	<b>TITLE</b>
16:00-16:15	Sinem Yıldırım	Evaluation Of User Perception Regarding A Municipal Urban Design Scheme In The Context Of ‘Smart Cities’ Concept In Gönyeli, Nicosia
16:15-16:30	Ayse Humeyra Bilge	Functions Fitted To Tables For Thornthwaite And Mather’s Water Balance Method
16:30-16:45	Zaroual Soumaya	Guiding Industry Evolution: Navigating The Transition From Traditional Methods To Industry 4.0
16:45-17:00	Remaidi Mohammed	Modeling The Pyroelectric Effect Using Maxwellian Approach: Autonomous Fluid Level Sensor Application
17:00-17:15	Sezen Kahveci	Proper Environmental Management For A Supermarket
17:15-17:30	Hazal Durmuş	Review Of Innovative Strategies For Sustainable Urban Water Management

# WPMC-2023 & NRSEM-2023 Conferences Program

**DAY 2 (15 December 2023)**

**MODERATOR: FARHAD BOLOURI**

**09:00 - 10:30 ROOM 3 - SESSION 1 (CYPRUS TIME)**

**LINK: <https://meet.google.com/pfh-mkno-jgk>**

	<b>PRESENTER</b>	<b>TITLE</b>
<b>09:00-09:15</b>	Ibrahim Khalil Umar	A hybridized emotional artificial neural network model for prediction of ground Ozone concentration
<b>09:15-09:30</b>	Nour Alijl	The Fuzzy Logic and Fuzzy- Analytic Hierarchy Process (F-AHP) for Flood Exposure Risk Assessment in the Dead Sea Arid Region
<b>09:30-09:45</b>	MohamedAlmojtba Hamid Ali Abdalla	Onshore Wind Farm Site Assessment Using Satellite and Reanalysis Dataset for Clean Sustainable Energy Production: A case study for Sudan
<b>09:45-10:00</b>	Temel Rizza	Analysis Of Different Combinations Of Meteorological Parameters And Well Characteristics In Predicting The Groundwater Chloride Concentration With Different Empirical Approaches
<b>10:00-10:15</b>	Yael Rozenewajg	Artificial Intelligence And The Quality, Quantity And Sustainability Of Groundwater: A Review
<b>10:15-10:30</b>	Farhad Bolouri	Smart City And Its Impact On Groundwater Systems

**BREAK**

**10:45 – 12:15 ROOM 3 - SESSION 2 (CYPRUS TIME)**

**LINK: <https://meet.google.com/wie-buuu-vps>**

	<b>PRESENTER</b>	<b>TITLE</b>
<b>10:45-11:00</b>	Farhad Bolouri	Formation causal loops of groundwater systems
<b>11:00-11:15</b>	Sarah Ahmed Helmy Salem	Climate Change Impact on Water Resources in Egypt
<b>11:15-11:30</b>	Osama Abed Al Halim	Off-Grid Rooftop Solar PV Systems for Household in Nahr al-Bared, Lebanon: A Comparative Study
<b>11:30-11:45</b>	Farhad Bolouri	Renewable Energy Solution: Addressing Climate Change through Sustainable Energy Production: A Case Study Approach for Proposing Hybrid Systems to Achieve SDGs
<b>11:45-12:00</b>	Temel Rizza	Assessing the Economic Viability of Small-Scale Desalination Facilities in Brackish Aquifers: A Case Study in Northern Cyprus
<b>12:00-12:15</b>	MohamedAlmojtba Hamid Ali Abdalla	Solar Energy for producing fresh water in urban city (Wad Madani, Sudan)

**BREAK**

**12:30 - 14:00 ROOM 3 - SESSION 3 (CYPRUS TIME)**

**LINK: <https://meet.google.com/rzt-dpvi-urt>**

	<b>PRESENTER</b>	<b>TITLE</b>
<b>12:30-12:45</b>	MohamedAlmojtba Hamid Ali Abdalla	Floating PV System as an Alternative Source for Energy Production at a Hydropower Dam: A Case Study from Sudan
<b>12:45-13:00</b>	Can Sonmez	Environmental Impacts of a Concrete reinforced Wainscotting Structure
<b>13:00-13:15</b>	Rifat Gökçekuş	Assessing the Economic Viability of off-grid Small-Scale PV Desalination system: A Case Study in Northern Cyprus
<b>13:15-13:30</b>	Mehmet Doğacan Okan	Utilizing Jojoba as a Sustainable Energy Source in Smart Cities for SDG Advancement: A case study
<b>13:30-13:45</b>	Sareh Enjavi	Quantifying Impact: Evaluating the Role of Product Graphic Design in Advancing Renewable Energies within Smart Cities for Sustainable Development
<b>13:45-14:00</b>	Erroumayssae Sabani	Wavelet-Powered Predictive Maintenance: Unraveling Rolling Bearing Faults for Enhanced Machinery Health Monitoring

**BREAK**

**14:15 - 15:45 ROOM 3 - SESSION 4 CYPRUS TIME)**

**LINK: <https://meet.google.com/xid-xvak-xvq>**

	<b>PRESENTER</b>	<b>TITLE</b>
<b>14:15-14:30</b>	Hani Hamdan	Unmanned Aerial Vehicles-based Free Space optical Communications Network for Disaster-Affected Areas
<b>14:30-14:45</b>	MohamedAlmojtba Hamid Ali Abdalla	Wind and Solar Energy for Desalination in Port Sudan, Sudan: A Sustainable Approach towards SDG
<b>14:45-15:00</b>	Mahsa Azizi	Groundwater Systems Risk Assessment: A Review
<b>15:00-15:15</b>	Farhad Bolouri	Investigating The Impact Of Roads On Geo-Hazards
<b>15:15-15:30</b>	Yael Rozenewajg	Artificial Intelligence To Reduce Ecosystem And Human Health Risks And To Prolong Sustained Access To Natural Resources

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<b>15:30-15:45</b>	Farhad Bolouri	Climate Change Adaptation: Industry, Innovation, And Water Infrastructure With A Focus On Smart City
<b>BREAK</b>		
<b>16:00 - 18:00 ROOM 3 - SESSION 5 (CYPRUS TIME)</b>		
<b>LINK: <a href="https://meet.google.com/sqp-yhcq-zzr">https://meet.google.com/sqp-yhcq-zzr</a></b>		
	<b>PRESENTER</b>	<b>TITLE</b>
<b>16:00-16:15</b>	Farhad Bolouri	Formation Causal Loops Of Climate Change Adaptation And Mitigation Strategies And Their Impacts On The Groundwater Systems
<b>16:15-16:30</b>	Can Sonmez	Environmental Impacts of a Concrete reinforced Wainscotting Structure
<b>16:30-16:45</b>	Musa Esit	Meteorological Drought Analysis in Kızılırmak Basin, Türkiye.
<b>16:45-17:00</b>	Mustafa Alas	Investigating The Impact Of The Quality, Quantity And Sustainability Of Groundwater on roads
<b>17:00-17:15</b>	Marcel Ndasack Ndifon	Integrated Water Resource Management in Cameroon Abstract
<b>17:15-17:30</b>	Umut Türker	Geospatial based groundwater resources susceptibility and contamination risk mapping for Yeşilköy aquifer, Cyprus
<b>17:30-17:45</b>	Hayet Chihi	Flood Susceptibility Mapping Using AHP Analysis with Geospatial Techniques in an Arid Basin (Southern Tunisia)