

WPMC-2023 & NRSEM-2023 Conferences Program

DAY 1 (14 December 2023)

09:00 - 11:00 HALL: AKKM – OPENING CEREMONY (CYPRUS TIME)

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

MODERATOR: MUSTAFA ALAS

OPENING SPEECHES

**Prof. Dr. Hüseyin Gökçekuş
Gürkan Yağcıoğlu
Dr. İlyas Demirci
Hüseyin Amcaoğlu
Prof. Dr. İlkey Salihoğlu
Prof. Dr. Tamer Şanlıdağ
H.E. Hüseyin Çavuş
H.E. Ersin Tatar**

09:00-10:30

BREAK

10:40 – 11:40 HALL: AKKM – Keynote Speeches

WATCH LINK: https://www.youtube.com/watch?v=m6_v5OPcGPY

10:40-11:40

Ms. Elizabeth Moses-Mullard
Prof. Dr. Vahid Nourani
Mr. Akif Özkaldı
Prof. Dr. Hüseyin Gökçekuş

BREAK

13.00 – 14:30 ROOM 1 - SESSION 1 (CYPRUS TIME)

WATCH LINK: <https://www.youtube.com/watch?v=OI3uLWf5-4Q>

	PRESENTER	TITLE
13:00-13:15	Zekâi Şen	Middle East Water Resources And Türkiye
13:15-13:30	Jinhui Jeanne Huang	How to Increase the Resilience of a City by Integrated Water Resources
13:30-13:45	Efe Precious Onakpojeruo	Global Climate Change and Its Effects on Nature and Human Life; Evaluation of Vulnerability and Contributors to Climate Change
13:45-14:00	Andriy Romanov	Maritime Cargo Delivery Optimization for Mediterranean Region Using Ant Colony Algorithm
14:00-14:15	İpak Shaterzadeh tabrizi	Prediction of Leachate Pollution in Tabriz Landfill under Climate Change Effects
14:15-14:30	William Falana	Regression-Based Analysis of Surface Longwave Downward Irradiance impact on Soil Moisture and Temperature in the Mediterranean Region.

BREAK

14:45-16:30 ROOM 1 - SESSION 2 (CYPRUS TIME)

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

	PRESENTER	TITLE
14:45-15:00	Sahar Ebadinezhad	Synergies of Smart Sustainability: Unveiling the Mediterranean Watersheds' Nexus of AI, Sustainable Land Management, and Socio-Environmental Dynamics
15:00-15:15	Nadire Cavus	The Future of Water Management: IoT-based Solutions for Intelligent Distribution Design
15:15-15:30	Natacha Usanase	The Predictive Modeling for Water Potability: Integrating Physical and Chemical Attributes through Machine Learning
15:30-15:45	Dr. Saravanan	Geographic Information System (Gis) Data Of Ground Water Contamination And Its Impact On Human Health In Dindugal District, Tamil Nadu, India.
15:45-16:00	Huzaiifa Umar	Groundwater Quality Assessment Based on Physicochemical and Microbiological Parameters Using Advanced Artificial Intelligence Models
16:15-16:30	Cavit Atalar	Hydrogeological Characterization and Groundwater Potential Assessment of Omdurman Formation in Ab-uduloo Area Using Vertical Electric Sounding (VES) Methods

BREAK

16:45 – 18:00 ROOM 1 - SESSION 3 (CYPRUS TIME)

WATCH LINK: <https://www.youtube.com/watch?v=3tRAuPtU7vW>

	PRESENTER	TITLE
16:45-17:00	Declan Ikechukwu Emegano	Predictive Modeling of Groundwater Contaminant Transport: Integrating Environmental Factors and Hydrochemical Parameters.
17:00-17:15	Md Golam Mostafa	Suitability Assessment of groundwater Quality in Northwestern Bangladesh
17:15-17:30	Elnaz Bayat	Temporal Assessment of Vulnerability to Seawater Intrusion in Shabestar plain aquifer: A comparative study of 2003, 2013 and 2021

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Vahid Nourani
Mr. Akif Özkaldı
Hüseyin Gökçekuş

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13:00 – 14:30 ROOM 2 - SESSION 1, MODERATOR: BEKİR FIRINCIOĞLU (CYPRUS TIME)

WATCH LINK: <https://www.youtube.com/watch?v=cz2ltWhg6ow>

	PRESENTER	TITLE
13:00-13:15	Sameh Ahmed Kantoush	Paradigm Shift for Sediment Management at River Basin Scale
13:15-13:30	Şifa Doğan	Comparative Study of Fe ²⁺ /H ₂ O ₂ and Fe ²⁺ /S ₂ O ₈ ²⁻ for the Removal of AB 113 from Water
13:30-13:45	Aliyu Ibrahim Polymeric	Dairy Wastewater: Treatment And Resource Recovery Using Electrochemical-Based Technique
13:45-14:00	Auwalu Saleh Mubarak	Effects of Hybrid Metrological and Environmental Data for the Prediction of Chemical Oxygen Demand in Waste Water Treatment Plants Using Explainable AI Models
14:00-14:15	Auwalu Saleh Mubarak	Estimating Biochemical Oxygen Demand using Hybrid Metro-Environmental Data at the New Nicosia Waste Water Treatment Plant
14:15-14:30	Ismaila Abubakar Bobboi	Explainable Models For Prediction Of Chemical Oxygen Demand In Industrial Wastewater Treatment Plant Facility In Delfzijl, The Netherlands

BREAK

14:45 – 16:30 ROOM 2 - SESSION 2 (CYPRUS TIME)

WATCH LINK: <https://www.youtube.com/watch?v=XYINdg6OvYo>

	PRESENTER	TITLE
14:45-15:00	Necati Ağırallıoğlu	Determination Of Evaporation In Cyprus Island
15:00-15:15	Gülsüm Aşıksoy	Assessing University Students' Water Resource Awareness and Behaviors
15:15-15:30	Kubra Dogan	Integrating Sustainability with Treatability for Bisphenol A (BPA) Removal from Tap Water
15:30-15:45	Auwalu Saleh Mubarak	Prediction of Chemical Oxygen Demand in New Nicosia Waste Water Treatment Plant Using Hybrid Metro-Environmental Data
15:45-16:00	Oleksiy Melnyk	Innovative Approaches To Ship Ballast Water Management Using Remote Monitoring And Quality Control
16:15-16:30	Hessam Najafi	Assessing Oceanic-Atmospheric Teleconnection Patterns for Monthly Precipitation Events: A Fuzzy Logic Approach

BREAK

16:45 – 18:00 ROOM 2 - SESSION 3 (CYPRUS TIME)

WATCH LINK: <https://www.youtube.com/watch?v=Neh-6lrslu7M>

	PRESENTER	TITLE
16:45-17:00	Amos Gayflor Zaizay	Evaporation Estimation of the Gecitkoy Reservoir Using Meteorological Data and MODIS
17:00-17:15	Tülay Ekemen	Evaluation of the flooding and drought analysis results by determining the hydrological characteristics of the Eflani River Basin (Karabük, Safranbolu)
17:15-17:30	Hadi Pourali	Flood risk and hazard mapping of Minnesota using re-mote sensing

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17:30- 17:45	Özge Yaren Türkseven	Innovative Solutions on Water Management for Is-lands Under Climate Change
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10:40-11:40

13:00 – 14:30 ROOM 3 - SESSION 1, MODERATOR: FARHAD BOLOURI (CYPRUS TIME)

LINK: <https://meet.google.com/hgy-esaz-bnr>

	PRESENTER	TITLE
13:00-13:15	Agil Valiyev	Evaluation Of The Impact Of Artificial Intelligence In Hydrology And Climate Change In Diffeent Case Examples
13:15-13:30	Ibrahim Halil Deger	Modelling Hydrological Drought Characteristics by Copulas
13:30-13:45	Neda Beirami	Simulation Of Karun River Due To Climate Change Using Hec-Ras And GIS Software
13:45-14:00	Musa Esit	The Identification of the Best Marginal Distribution Models of Drought Parameters Using SPI and SPEI Indices over Kızılırmak Basin, Türkiye
14:00-14:15	Kevin Kam Fung Yuen	Towards a Multi-Criteria Decision Making Method for Water Resources Planning using Primitive Cognitive Network Process
14:15-14:30	Ramin Ahmadi	Validation of PML-V2 Evapotranspiration Model over Multi-climatic Regions of Iran

BREAK

14:45 – 16:30 ROOM 3 - SESSION 2 (CYPRUS TIME)

LINK: <https://meet.google.com/ppb-udvf-ehs>

	PRESENTER	TITLE
14:45-15:00	Ayse Humeyra Bilge	Functions Fitted to Tables for Thornthwaite and Mather’s Water Balance Method
15:00-15:15	Abdelilah Chtaini	New Electrochemical Method for Molecular Sexing of Bird Chicks
15:15-15:30	Gokhan Onder Erguven Munzur	Current Studies On Water Quality In Meric-Ergene Basin
15:30-15:45	Declan Ikechukwu Emegano	Machine Learning Approaches For River Discharge Prediction Using Acoustic Doppler Current Profiler (ADCP) data
15:45-16:00	Huzaifa Umar	Biomethane Gas Production from Anaerobic Co-Digestion of Wheat Bran and Livestock Manure and its Energy and Exergy Performance Analysis
16:15-16:30	Elif Aleyna E布伦	Environmental Hotspots of Cleaning Operations for Beer Barrels

BREAK

16:45 – 18:00 ROOM 3 - SESSION 3 (CYPRUS TIME)

LINK: <https://meet.google.com/taf-nvai-opk>

	PRESENTER	TITLE
16:45-17:00	Dominika Dabrowska	IoT Ecosystems - the challenge for the smart city
17:00-17:15	Sarah Ahmed Helmy Salem	Addressing Water Scarcity through Integrated Water Resources Management in Egypt
17:15-17:30	Mohamed Elmustafa Elmubarak Elawad Hassan	Daily Rainfall Characteristics in Sudan: Statistical Analysis and Modeling
17:30-17:45	Abdullahi Muhammad	Application of Combined Electrical Resistivity Methods for Groundwater Exploration at the Southern Part of Maikunkele Town, Niger State, Nigeria

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17:45- 18:00	Saltuk Pirgalioglu	Advanced Oxidation of Dye Solutions with Persulfate activated by Zero Valent Iron
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