

Day 1 – Monday, 9 November 2026	
Sinop University, Faculty of Education, Conference Hall	
Access Link	
***Microsoft Teams Meeting ID**: 388 345 647 447 817 2 **Meeting Passcode**: qd6dm6vL*	
Time (GMT+3)	
13:00-14:00	**Registration**
14:00-14:30	**Opening Remarks**
14:30	**Dr. Marinus L. Otte, North Dakota State University** *The Cost of Wetland Loss in terms of Human Lives*
15:15	**Dr. Aslı Ulke Keskin, Ondokuz Mayis University** *Climate Change in the central Vlack Sea Region: Risks, Impacts and Future Perspectives*
16:00	**Dr. Galip Usta, Trabzon University** *Changing Lives After Disasters: Individual Decisions, Solidarity and Volunteering*

Day 2 – Tuesday, 10 November 2026		
Online Sessions		
Access Link		
***Microsoft Teams Meeting ID**: 317 152 462 327 977 8 **Meeting Passcode**: TU3e7MZ3*		
Time (GMT+3)	***Room-1***	***Room-2***
11:00	***ISC-03-005 Climate Change and Flood Early Warning Systems: A Bibliometric Analysis of the Global Research Landscape (1999-2026)*** *Dr. Samet Dincer*	***ISC-03-013 A Rapid Ambient-Vibration-Based Screening Framework for Traditional Timber Buildings Following Seismic Events*** *Dr. Taner Tasdemir*
11:10	***ISC-03-008 Ecological and Biological Decay: Disconnection from the Land and Alienation in The Curse of the Starving Class*** *Dr. Aysegul Elci*	***ISC-03-034 Gamification for Water Conservation in Architectural Design and at the Building Scale: A Systematic Literature Review of Strategies, Applications, and Impact Measures*** *Dr. Tumay Gunes, Damlanur Ilıpınar*
11:20	***ISC-03-001 A Historical Perspective on Earthquakes in Denizli during the Second Constitutional Period and the Early Republican Era*** *Dr. Umut C. Karadogan*	***ISC-03-002 IoT-Based Autonomous Micro-Farming: Adaptive Dosing and Climate Control in Home-Scale Hydroponic Systems*** *Sude Bilgici, Esad Acer, Ahsen Albaş, Mehmet Fatih Çelebi*
11:30	***ISC-03-015 The 1822 Aleppo–Antakya Earthquake: Its Impact Area and Economic and Social Effects*** *Dr. Suha Oguz Baytimur*	***ISC-03-040 The Effect of Metronidazole on the Growth of Chrysomya albiceps (Wiedemann, 1819) (Diptera:Calliphoridae)*** *Zainab Talib Fadhil Al-Tameemi, Dr. Unal Zeybekoğlu, Dr. Meltem Kökdener*
11:40	***ISC-03-041 Reference Solutions for the Richards Equation: Time-Integration Schemes and the Role of the Equation Form in Layered Soils*** *Dr. Ersin Bahar*	***ISC-03-046 Absorptive Potantial Of Clinoptilolite-Rich Natural Zeolites For The Remediation of Uranium-Comtaminated Waters*** *Esra Erim*
11:50	***ISC-03-045 Adapting Culvert Design to Climate Change: A CMIP6-Based Assessment for Sinop, Türkiye*** *Dr. Mehmet Salih Türker, Dr. Sertaç Oruç*	***ISC-03-014 Testing the Synchrony of Hydrographic and Ecological Transitions in the Black Sea Since the Last Deglaciation*** *Dr. Ertan Karahanli, Dr. Muhitdin Yilmaz*
12:00	***ISC-03-037 Evaluation of Different Probability Distributions on Standardized Precipitation Index (SPI) Performance and Drought Class Frequencies in Sinop Province*** *Dr. Ali Demir Keskiner, Dr. Oguz Simsek*	***ISC-03-043Effects of Lithium Exposure on Developmental Parameters of Musca domestica (Diptera: Muscidae)*** *Melisa Samur, Dr. Meltem Kokdener*

12:10	***ISC-03-020 Numerical Simulation of Two-Dimensional Groundwater Flow by the Radial Basis Function Collocation Method*** *Geraldi Edino Belalahy, Dr. Gurhan Gurarslan*	***ISC-03-044 Effects of Venlafaxine on the Developmental Parameters of the Species Chrysomya albiceps (Wiedemann, 1819) (Diptera: Calliphoridae)*** *Taha Yasin Dege, Dr. Meltem Kökdener*
12:20	***ISC-03-021 Numerical Analysis of Gradually Varied Flow in Open Channels Using Explicit and Implicit Runge-Kutta Methods*** *Rasim Göktuğ Göz, Dr. Gürhan Gürarslan*	***ISC-03-042 Evaluation of the High-Temperature Performance of Calcium Aluminate Cement Containing 40% Al_2O_3 for Potential Refractory Applications*** *Damla Nur Celik*
12:30	***ISC-03-033 Comparison of the Convergence Performance of Modified Differential Evolution and Particle Swarm Optimization in Water Distribution Network Design*** *Destina Dilan Ekinci, Dr. İsmail Ara, Dr. Umut Okkan*	***ISC-03-039 Potential Effects of Climate Change on Asphalt Binder Grade Selection in Turkey: A Re-evaluation of the 2012 KGM Binder Selection Maps*** *Mert Atakan*
12:40	***ISC-03-003 Comparison of Pedestrian Accessibility to Railway Stations in Türkiye and Europe Using Direct and Hybrid Shortest Path Algorithms*** *Jawad Karimi, Dr. Dolunay Zengin, Dr. Soner Haldenbilen, Dr. Halim Ceylan*	***ISC-03-036 Pink Hydrogen Production via Nuclear-Assisted High-Temperature Electrolysis in the Decarbonization of Transportation and Heavy Industry*** *Naz Aslan*
12:50	***ISC-03-004 Determination of Pedestrian Accessibility to Railway Stations in Türkiye Using Direct and Hybrid Shortest Path Algorithms*** *Jawad Karimi, Dr. Dolunay Zengin, Dr. Soner Haldenbilen, Dr. Halim Ceylan*	***ISC-03-006 Can Temporal Features Improve Next-Day Rainfall Prediction? Evidence from Istanbul*** *Dr. Gulay Ekren*
13:00	***ISC-03-035 Investigation of Precipitation Forecasting Using Hybrid Models: The Case of the Konya Closed Basin*** *Bilal Candan, Dr. Esra Uray, Dr. Vahdettin Demir*	***ISC-03-011 Stochastic Analysis of Climate Change in Sinop: Markov Chains, Change-Point Detection, and an Artificial Intelligence Approach*** *Dr. Ulku Gurlen*
13:10	***ISC-03-023 Drought Analysis in Samsun and Kürtün: SPEI and SDI Approach*** *Onur Celikkol, Dr. Aslı Ulke Keskin*	***ISC-03-028 An Approach for Monitoring Bark Beetle Infestation in Fir Forests*** *Abdullah Oğuz Kizilçay, Mustafa Turna, Fidan Gamze Kizilçay*
13:20	***ISC-03-016 Comparison of ERA5 and MGM Datasets for Wind Climate in Coastal Engineering: Samsun Case Study*** *Salih Kartal, Dr. Kagan Cebe*	***ISC-03-030 Effect of Bridge Span Length on Longitudinal Track-Bridge Interaction in Ballastless Railway Systems*** *Şebnem Keçeci, Sedef Kocakaplan Sezgin*

13:30	***ISC-03-031 The Effect of Soil Flexibility on the Dynamic Properties and Lateral Behavior of a Mid-Rise Reinforced*** *Concrete Building* *Dr. Engin Nacaroglu, Dr. Muhammet Ceylan, Dr. Ozge Ersu Cakır, Dr. Esra Ozer*	***ISC-03-009 Microgrid Management and ACDC Coupling Analysis in Smart City Ecosystems*** *Dr. Serkan Iscan*
13:40	***ISC-03-032 Conformal Prediction Intervals for SPT-Based Shear-Wave Velocity Estimation*** *Dr. Engin Nacaroglu, Ayse Tuba Tugrul, Emine Aylin Acarlar*	***ISC-03-010 Integration of Electric Vehicle Charging Infrastructures into Virtual Power Plant (VPP) Topologies Lithium Iron Phosphate (LiFePO4) and Solar Energy Supported Approaches*** *Dr. Serkan Iscan*
13:50	***ISC-03-047 Comparative Seismic Response of Fixed-Base and LRB-Isolated Mid-Rise RC Building under Spectrum-Compatible Ground Motions*** *Dr. Cigdem Cirak Karakas,Dr. Ozge Ersu Cakır, Dr. Yasemin Manav*	***ISC-03-024 Dry Air as an SF_6 Replacement in Medium-Voltage Gas-Insulated Switchgear: Regulatory Drivers and an Experimental Approach on a Real Product*** *Fatih Altuntaş, Süleyman Sungur Tezcan*
14:00	***ISC-03-007 The Effect Of Sertraline On The Development Of Sarcophaga Crassipalpis (Macquart, 1839) (Diptera: Insecta)*** *Meltem Bulut, Dr. Unal Zeybekoglu*	***ISC-03-026 A Multi-Criteria Comparative Assessment of Wind-Solar Hybrid Power Plants Across Various Generation Technologies*** *Arif Kahriman, Mustafa Kemal Balki*
14:10	***ISC-03-025 Historical Spatiotemporal Analysis of Hydroclimate Whiplash Events in the Büyük Menderes Basin*** *Dr. İsmail Ara*	***ISC-03-027 Evaluation of Future Drought Trends Under SSP4.5 and SSP8.5 Scenarios Using Crossing Empirical Trend Analysis (CETA): A Case Study of Adana Karaisalı Station*** *Dr. Mehmet Şeker, Dr. Oğuz Şimşek*
14:20	***ISC-03-012 Drought And Trend Analysis at The Trabzon Akçaabat Station*** *Shams Emad Ali Albukaa, Dr. Aslı Ulke Keskin*	***ISC-03-022 Laser Weldability of Steels*** *Demet Deryanur Şeker*
14:30	***Dr. Anita Lewandowska, University of Gdansk*** *The Role of The Atmosphere in The Sea Surface Microlayer Contamination in European Ports*	***ISC-03-029 Mathematical Modelling of the Design and Operating Conditions of Pumped-Storage Hydroelectric Power Plants*** *Murat Erdem*
14:40		***ISC-03-038 Quantitative Spatial Assessment of Wildlife Related Aviation Risks Using Land Use Management: Benito Juárez International Airport*** *Dr. Omer Faruk Uzun*

Session Chairs	*Dr. Utku Zeybekoglu* *Dr. Samet Dincer* *Dr. Bilal Gursoy*	*Dr. Omer Faruk Uzun* *Dr. Ruya Kılıc Demircan* *Dr. Tumay Gunes*