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SAKARYA



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Resilient Cities and Sustainable Future: Youngsters Discuss Future of the Cities

SYMPOSIUM PROGRAMME
JULY 11- 2025

09:15-09:50

REGISTRATION

10:00-11:00

Nevzat Kor

Welcome Speech
Şevval Okur- A Proposal for Cooperation between Youth Forums and Local Governments
Protocol Speech
Protocol Speech

11:00-11:15

COFFEE BREAK

KEYNOTE SPEECHES & QUESTIONS

11:15-12:30

Nevzat Kor

Assoc. Prof. Dr. Mustafa Çöpoğlu- The Contribution of Development Agencies to the Cities of the Future"
Prof. Dr. Özer Köseoğlu- From Crisis to Opportunity: Empowering Youth for Sustainable and Resilient Cities
Halime Sezer- Recycling and Deposit Refund Systems

12:30-13:30

LUNCH

13:30- 14:45

PRESENTATIONS (Paralell sessions)

13:30- 14:45

25C4Y-B008- Nuray Eran Türedi, Elçin Yazıcı Arıcı, Leyla Geylani, Nuray Kazancıoğlu, Nejla Yüksel, Gülşah Hande Ayazoğlu , Kevser Kayabaşı, Betül Kanlı, Betül Kolçak Teme- Climate-Resilient Cities Through Children's Eyes: An Early Intervention Model with Ecological School Gardens

**InPerson Turkish
Nevzat Kor**
**Session Moderator:
Arzu Saygıner Çil**

25C4Y-B047- Fuat Özcan, Zeki Bayramoğlu, Daiva Matonienė- Contribution of Legal Structures of Actors in Supply Chains to Risk Resistance: Comparison of Companies and Co-Operatives
25C4Y-G048- Orhan Yılmaz, Yasemin Çalışkan- A Methodological Gap Analysis of Greenhouse Gas Emission Assessment Approaches in Food Waste Management: A Comparative Study
25C4Y-G050- İlhan Bal, Dilara Kılıç Çiçek- Green Cities for Sustainable Future: Urban Agriculture and Landscape Applications
25C4Y-B014- Çelebi Kalkan, Levent Abbasoğlu, Ümit Söğüt- Think, Feel, Act for a Resilient Kayseri: A Learning Journey for Sustainable Cities with Specially Gifted Students
25C4Y-B073- A F M Suaib Akhter, Selman Hızal- Smart City Security: An Explainable AI Methodology for Identifying Key Elements in DoS and Spoofing Attack

	InPerson Turkish Fuat Sezgin Session Moderator: Prof. Dr. Çiğdem Tarhan	25C4Y-B090- Mehmet Eren Özden, Firdevs Şeker- Big Data in Smart Cities: Leveraging Energy Management for Sustainable Urban Transformation
		25C4Y-B070- Aybüke Toska, Şura Erbey, Rabia Turgut, Denir Aksoy- Student-Centered Approach to Sustainable Development in Görükle as a University Town
		25C4Y-B096- Rabia Erdemir- Gıda zincirinde kimyasal kalıntılar
		25C4Y-B060- Fatma Zehra Balcı- The Impact of the Deposit Return System on Urban Waste Management in Sakarya
		25C4Y-B086- Ahmet Safa Zengin- Digital Integration for Sustainable Transportation: The SAYAHAT 54 Example of Urban Mobility in Medium-Sized Cities
		25C4Y-G013- Utku Halit Sucuoğlu, Hatice Rüzgar- Integrating Spaces for Climate Change: The Beylikdüzü Example
	InPerson English Gültekin Yıldız Session Moderator: Prof. Dr. Vahap Tecim	25C4Y-B038- Aisha Deeb- Social Innovation through the MUN Model: Towards the Development of Green Human Capital
		25C4Y-G095- Dilek Sezer- Child Friendly Cities and Peripheral Learning: Designing Urban Space as a Pedagogical Tool
		25C4Y-G061- Ali Almudhafar- Climate Change and Its Impact on Violent Extremism
		25C4Y-B084- Samiullah Serat, Meral Yurtsever- A Holistic and Preventive Environmental Management Approach to Evaluating Plastic Recycling Facilities
		25C4Y-B078- Zülal Erdoğan- The Multilayered Dimensions of Exclusion: Welfare of Women, Children, and Animals within Sustainability
	Online Turkish Room 1 Session Moderator: Doç. Serhat Yetimovaa Zoom Link	25C4Y-G044- Berat Cansu Güldağlı- Evaluation of the YeS-TR Settlement Certification System within the Scope of Sustainable Development Goals
		25C4Y-G046- Şeker Naz Geçgel, Cemile Dede, Ömer Hulusi Dede- Greenhouse Gas Emission Inventory and Carbon Footprint Analysis in the Automotive and Supplier Industry Sector
		25C4Y-G006- Özlem Karaca- Urban Sustainability Through Education the Strategic Role of Educators in the Perspective of Child-Friendly Cities
		25C4Y-G009- Sena Çiçek- GREEN CYCLE: Integrated Water and Waste Recovery System for Smart Neighborhoods
		25C4Y-G011- Bismillah Azimi- The Impact of Circular Economy on Urban Sustainability
		25C4Y-G057- Abdullah Tekin, Şeyma Sariarmağan Ceylan, Umut Rifat Tuzkaya- Green Infrastructure and Smart Cities: Yıldız Technical University Davutpaşa Smart Green Campus Applications
		25C4Y-B036- Hachim Kassım- Food Security: Strategies for Sustainable and resilient agriculture in Africa
	Online Turkish Room 2 Session Moderator: Veli Esen Zoom Link	25C4Y-B064- Tuğçe Öncel- A Web-Based Carbon Footprint Calculation and Carbon Emission Analysis System for Firms
		25C4Y-G053- Rabia Nida Öncü- The Regulatory Role of Public Administration in Post-Disaster Debris Management
		25C4Y-G024- Şevval Melek Kayatürk, Umut Can Yalçın, Nur Berrak Özdemir, Ezgi Akkır- Helichrysum arenarium İçeren Biyoplastik Üretimi İle Haşere Kontrolü
		25C4Y-G023- Betül Özdamar, Ezgi Akkır- QR CODE RECOGNITION AND AUTOMATION BASED RECYCLING BIN
		25C4Y-B066- Bilal Salim Güneri- Earthquake Prediction and Logistics Support Platform in Turkey
		25C4Y-G043- Leyla Nur Eser- Exploring of Young People's Volunteering Motivation in the Context of Interaction
		25C4Y-G010- Esra Nur Emiroğlu, Onur Altuntaş- The Right to Mobility is a Human Right: Transport for All, Lifelong Mobility
14:45- 15:00		COFFEE BREAK
15:00-16:15		PRESENTATIONS (Paralell sessions)
15:00-16:15		25C4Y-B083- Banu Araz Alkan - Urban Mobility, Social Inclusion and Sustainable Transportation Strategies: A Fair Accessibility Perspective for Individuals with Autism 25C4Y-B051- Esra Kocatürk - Psychological Bonds of Young People with the City: An Investigation of Spatial Belonging, Feelings of Loneliness and Social Connectedness Levels in Sakarya 25C4Y-B092- Kübra Nur Hekim, Mustafa Baş - Young People's Spiritual Quest with the Loss of the Sacred in the Modern City
	InPerson Turkish Nevzat Kor Session Moderator: Prof. Dr. Abdullah İnce	

		25C4Y-B069- Zülal Erdoğan - From Collective Trauma to Community Resilience: A Proposed Community-Based Social Work Model for Post-Disaster Psychosocial Intervention in Türkiye
		25C4Y-B077- Nilda Şehitoglu - The Mood of Space: The Impact of Architectural Design on Human Psychology and Quality of Life
		25C4Y-B037- Yunus Ensar Erbilen - Disaster-Resistant Cities and the Transformative Role of Youth in Reconstruction Processes
	InPerson Turkish Fuat Sezgin Session Moderator: Öğr.Gör. R. Emre Toramanoğlu	25C4Y-B041- Muhammed Yusuf Kahveci, Recep Bilal Sıkar, Hakan Aslan - Evaluation of Kahramanmaraş Public Transportation Using Statistical and Artificial Intelligence Methods
		25C4Y-B065- Zeynep Gizem Kılıç - Use of Agricultural Lands in Turkey and Product Tracking Decision Support System
		25C4Y-B089- Selinay Bayık, Cigdem Tarhan - Cities Connected with Data: Smart Cities Mapping Big Data
		25C4Y-B085- Cemre Bülbül, Nur Eylül Topkaya, Dilara Tarakcı - Child Friendly Public Spaces: An Evaluation on İstanbul Pendik Orhangazi Neighborhood
		25C4Y-B055- Esra Özдорuk, Mehmet Fatih Döker - Assessing Wind Farm Potential Using GIS and Fuzzy AHP: A Case Study of the Lower Sakarya Basin
		25C4Y-G049- Dilara Kılıç Çiçek, İlhan Bal - A Legal and Scientific Assessment of Stray Animal Management and Shelter Models in Türkiye: A Proposal for a New Adoption-Focused Approach
	InPerson English Gültekin Yıldız Session Moderator: Dr. Sadık Demirbağ	25C4Y-B075- Altun Karimli - BussPoint: A Conceptual IoT and AI-Enabled Smart Bus Stop System for Global Urban Mobility
		25C4Y-B033- Hamza Bacak - The Importance of Disaster-Resilience on Post-Disaster Urban Planning in Non-Resilient Areas
		25C4Y-B029- Osman Şenaydın - Biogas and Organic Fertilizer Production from Urban Organic Waste: Contributions to Urban Circular Economy
		25C4Y-B007- Nil Ülkü Andaç - Renewable Energy Use in Eskişehir
		25C4Y-B088- Dilara Karaoğlu, Sekvan Durak, Ulaş Yurtsever - Deep Learning Based Route Optimization in Urban Waste Collection
	Online Turkish Room 1 Session Moderator: Dr. İsmail Aydoğdu Zoom Link	25C4Y-G004- Hatice Gamze Örs -International Student Mobility and Social Inclusion in Cities: A Case-Based Evaluation within the Erasmus+ Framework
		25C4Y-G002- Hediye Aydoğan - Frames of Childhood, Faces of the Brand: An Analysis of Instagram Pages of Turkish Children' Universities
		25C4Y-G059- Gamze Dağlı, Hatice Turut - Surveillance, Space, and Exclusion: A Critical Analysis of Urban Security Policies
		25C4Y-G026- Emine İşler Kara - Tipo-Morphological Reflections of New Generation Urban Living Spaces in Rural Contexts: The Case of Kalabak
		25C4Y-G016- Miraç Torun, Ümmügülsüm Yılmaz, Taner Beyaz - The Use of Agrivoltaic Systems in Rural Development: The Case of Eskişehir
		25C4Y-G015- İrmak Çeliker, Taner Beyaz - An Examination of City Centers in Terms of Social Innovation and Urban Resilience: The Case of Eskişehir
		25C4Y-G040- Sinem Vatansever, Gökhan Ekrem Üstün - Economic investigation for rainwater harvesting and greywater reuse in decentralized-scale residential areas: a case study from Bursa
	Online Turkish Room 2 Session Moderator: İlayda Varna Zoom Link	25C4Y-G001- Elif Tülay, Tufan Selim Fil - Youth Discourse in the Instagram Communications of Municipal Youth Councils in Antalya
		25C4Y-G012- Azer Ebru Mutlu - Street Animals and Public Responsibility in Earthquakes: A Legal Perspective on Disaster Resilience and Youth-Driven Urban Inclusion
		25C4Y-G005- Ece Zeybek Yılmaz - Youth-led Urban Agriculture: From Soil to Sale for a Resilient Future
		25C4Y-G027- Azize Serap Tunçer, Nermin Şimşek - Yaşlanan Kentlerde Geronteknoloji İle Gençleşen Kent Sakinleri
		25C4Y-G019- Furkan Demir, Hakan Aşan - Virtual Reality: Innovative Approaches for Disaster Education Targeting Youth
		25C4Y-G017- Murat Saltuk Bilgili - Youth Participation in Urban Governance: Constraints and Opportunities in the Context of Local Decision-Making
		25C4Y-G025- Cansel Korkmaz - Prediction of Ömerli Dam Water Level Using Artificial Neural Networks
16:15-16:30		COFFEE BREAK
16:30-17:45		PRESENTATIONS (Paralell sessions)
16:30-17:45		25C4Y-B097- İsmail Aydoğdu, Abdul Samad- Sakarya through the Eyes of International Students
	InPerson Turkish Nevzat Kor	25C4Y-B074- Sema Dalkıran, Meral Yurtsever - Microplastic Contamination in Agricultural Soils: Risks, Pathways, and Sustainability Perspectives
		25C4Y-B087- Mustafa Digilli, Esra Nur Atasever, Lütfiye Ateş- Karatay Youth Center: A Model for Inclusive and Sustainable Youth Empowerment
		25C4Y-B079- Banu Araz Alkan - Autism-Friendly Urban Innovation: Enhancing Social Resilience for Neurodiverse Youth in Sakarya

	Salon Başkanı: Dr.ögr.üyesi Hasan Durmuş	25C4Y-B031- Rabia Ustaoglu, Yasin Koc, Rumeysa Dinç, Sedanur Yazici, Rüveyda Yağci, Gonca Güngör Göksu- Citizens' Perceptions and Expectations on Participatory Budgeting towards Sustainable Sakarya City: A Study by Youth Researchers
		25C4Y-B062- Cihad Doğan- High School Students' Urban Belonging, Cultural Awareness and Participation Tendencies in Local Government: İnegöl Case
		25C4Y-B056- Yasemin Karabınar- Kültürel Sürdürülebilirlik Odağında Çocuklar, Gençler ve Şehir
	InPerson Turkish Fuat Sezgin Salon Başkanı: Doç.Dr. Mustafa Aslan	25C4Y-B035- Mehmet Aksoy- A Sociological Perspective on the Leisure Time Practices of Children as Subjects of Global Migration: The Case of Eskişehir Province
		25C4Y-B093- Bünyamin Göl- Are We a Youth City According to EU Youth Policies: Young People's Perception of Sakarya as a Youth City
		25C4Y-B034- Cemre Bülbül, Nur Eylül Topkaya, Dilara Tarakcı- Multiscalar Planning in Urban Energy Transformation: Renewable Energy Usage and Environmental Impact Management in Turkey
		25C4Y-B091- Firdevs Şeker, Mehmet Eren Özden- Child-Friendly Urban Sustainability in Smart Cities: Adaptation of Kids Go Green and Kent95 Models in Türkiye
		25C4Y-B058- Taylan Yıldırım, Aydın Demir- Progressive Collapse Response of Low-Rise Reinforced Concrete Buildings Designed According to Turkish Building Earthquake Code in Case of Loss of a Pair of Columns
		25C4Y-B072- Beste Tekin- A Web-Based Disaster Management System for Post-Earthquake Coordination in İzmir
	InPerson English Gültekin Yıldız Session Moderator: Öğr.Gör.M Gizem Erdem	25C4Y-B063- Sadık Demirbağ- Digital Space and Participation in the European Union: The Role of Youth in Participatory Democracy Practices
		25C4Y-B042- Dorcas Chepkirui, Özer Köseoğlu- Youth-Centered AI Urban Labs: Co-Creating Data-Driven Mobility Policies in Secondary European Cities
		25C4Y-B081- Seamiullah Serat, Meral Yurtsever- Per- and polyfluoroalkyl substances (PFASs) in water and wastewater and the environmental and health effects of these forever pollutants
		25C4Y-B045- Sisa Abideen- Challenges to Social Inclusion for Youth Migrants in Türkiye's Secondary Cities: The Case of Sakarya
		25C4Y-B054- Sadig Zeynalı- Youth and Urban Sports Culture: A Perspective on Accessibility, Participation and Sustainability
		25C4Y-B076- Abdul Manan Zargar, Shakir Ul Mateen- Youth-Led Social Innovation and Urban Resilience in Conflict-Affected Peripheries: Case Reflections from the Chenab Valley and Delhi's Informal Settlements
	Online English Room 1 Session Moderator: Dr. A F M Suaib Akhter Zoom Link	25C4Y-G018- Ece Özmen, Şafak Beşiroğlu- Sustainable Smart-Green Campuses in the Context of Resilience: The Cases of ITU Ayazağa and Manisa Celal Bayar Central Campuses
		25C4Y-G020- Seda Nur Alkan, Gamze Doğdu Yücetürk- Climate-Adaptive Strategies in Vernacular Architecture of Mountainous Rural Settlements: Comparative Insights from Türkiye and China
		25C4Y-G021- Dimitrie Stoica, Maricica Stoica- Digital Solutions for a Sustainable Future The Role of Mobile Applications in Reducing Urban Food Waste
		25C4Y-G082- Ecrin Akcan, Berra Sude Takım- Youth Participation in Urban Decision-Making in Türkiye
		25C4Y-G028- Gina Ioan- Greenhouse Gas Emissions Convergence in European Economies: The Impact of Economic Transition and Environmental Policies
		25C4Y-G039- Carmen Alexandrache, Rarița Mihail, Arthur Viorel Tuluş- Urban Sustainability – Social Sustainability Interconnectivity and Interdisciplinary Interventions
		25C4Y-G071- Ahmet Doruk Balkaya, Gonca Güven Akın- Reclaiming Silence in the Digital Age: Designing New Urban Realms for Youth Creativity
	Online English Room 2 Session Moderator: Dr. Abdal Kasule Zoom Link	25C4Y-G098- Luca Simona- Resilient Futures: Youth Leadership and Smart Innovation in Străşeni's Urban Transformation
		25C4Y-G032- Selin Çelik, Başak Savun, Osman İsa Çelik, Cem Gazioğlu- Evaluation of Strategies for Preventing Water Loss through Infrastructure Improvement and Technology Integration: A Multi-Criteria Decision Making Approach
		25C4Y-G052- Mehdike Rüveyda Buğa- Smart Cities and Digital Divide: A Social Equity Discussion
		25C4Y-G067- Alp Karça Korkmaz, Gonca Güven Akın- AI-Supported Smart Irrigation Systems Against Microplastics in Graywater
		25C4Y-G080- Hümanur Ceyhan, Özge Sena Köycü, Melis Zeynep Örekçi, Gonca Güven Akın- Solid Waste Management: A Comparison of Conventional and Technological Methods
		25C4Y-G003- Sayyara Farajova- Green Roofs as Climate Adaptation Strategy: A Youth Perspective on Sustainable Urban Futures
		25C4Y-G068- Rüveyda Tuba Özmen, Eymen Cesur Bekci, Gonca Güven Akın- Integrating Green Infrastructure into Smart Cities: The Case of Freiburg
	19:00	25C4Y-G030- Ali Balunywa, Bashir Mutebi, Juma Kinyiri, Abdal Kasule- Navigating Socio-Economic Conditions, Governance Structures, and Cultural Values for Adopting Smart City Technologies in the Global South: Evidence from Youths in Kampala, Uganda
		GALA DINNER