28 NOVEMBER 2022 - MONDAY	
08.30 – 09.30 Registration - Welcome	
9.30 – 10.00 Opening Speeches	
10.00 – 10.30 Keynote Speaker: *Prof. Dr. Hafzüllah Aksoy (Istanbul Technical University)* An Overview of Gediz And Kucuk Menderes River Basins In The Context of Drought	
10.30 – 10.45 Break	
10.45 – 12.25 Session 1: Water Resources I **Session Chair:** *Prof. Dr. Şebnem Elçi (IZTECH)*	
The Importance of Gediz Basin for Izmir *Alim Murathan*	**10.45 – 11.05**
Gediz Basin Drought Solution Suggestions *Emine Erdem Cingöz*, Yüksel Abalı*	**11.05 – 11.25**
Flood Risk Analysis for Gediz Delta and its Surroundings *Hande Gündel*, Ayşe Kalaycı Önaç*	**11.25 – 11.45**
Evaluation of Groundwater Resources of Gediz Basin In Terms of Quantity and Quality *Alper Baba, Celalettin Şimşek*, Orhan Gündüz, Alper Elçi, Alim Murathan*	**12.05 – 12.25**
12.25 – 13.30 Lunch	
13.30 – 14.00 Keynote Speaker: *Prof. Dr. Mehmet Ekmekçi (Hacettepe University)* Urban Water Management Plans within The Scope of Sustainable Water Resources Management and The 2030 Goals	
14.00 – 15.40 Session 2: Water Resources II **Session Chair:** *Prof. Dr. Orhan Gündüz (IZTECH)*	
Current Situation in Geothermal Usage in Gediz Graben *Hüseyin Uytun*, Taygun Uzelli, Alper Baba*	**14.00 – 14.20**
Remote Sensing Data-Supported Groundwater Recharge Estimation for The Alaşehir-Sarıgöl Sub-Basin Alluvial Aquifer *Elif Aysu Batkan*, Barış Çaylak, Ali Hakan Ören, Alper Elçi*	**14.20 – 14.40**
Basin Percolation Determination with SMA and CN Model Applications: Case Study of Alasehir Basin *Özgün Akdeğirmen*, Celalettin Şimşek, Alper Baba*	**14.40 – 15.00**
Managed Groundwater Storage Project *Adem Büyükköprü*	**15.00 – 15.20**
Gediz Basin Vital Decisions Şener Kilimcigöldelioğlu*, Ayşegül İnceoğlu, Suat Aydın, Ersin Akbaylar	**15.20 – 15.40**
15.40 – 15.55 Break	
15.55 – 16.25 Keynote Speaker: *Assist. Dr. Eban Z. Bean (University of Florida)* Amending Compacted Urban Soils with Compost for Water Conservation in Florida, USA	
16.25 – 17.45 Session 3: Agriculture and Planning **Session Chair:** *Prof. Dr. Koray Velibeyoğlu (IZTECH)*	
New Paradigm Search for River Basin Planning in the Age of Multidimensional Crisis and Uncertainties: Case of Gediz Basin *Koray Velibeyoğlu, Adnan Kaplan**	**16.25 – 16.45**
Awareness of Water Crisis in Agriculture *Selma Demirtaş*, Metin Göksel Akpınar*	**16.45 – 17.05**
Performance Indicators for Improving Irigatıon Management In Aegean District *Fırat Arslan*, Demetrio Antonio Zema*	**17.05 – 17.25**
Reuse Of Process Wastewater as An Innovative Solution to Reduce Water Use in Grape Processing Sector: Gediz Example *Yağmur Gören Kara*, Alper Özmumcu, Alper Baba, Orhan Gündüz*	**17.25 – 17.45**

29 NOVEMBER 2022 - TUESDAY		
08.45 – 09.45 Registration -Welcome		
9.45 – 10.15 Keynote Speaker: *Prof. Dr. İhsan Bülent Okur (Ege University)* Gediz Basin Lands and Gediz River		
10.15 – 10.30 Break		
10.30 – 11.50 Session 1: Pollution **Session Chair:** *Assist. Dr. Hale Demirtepe (IZTECH)*		
Nitrate Pollution in the Waters of the Gediz Basin *Yusuf Kurucu*		**10.30 – 10.50**
Pollution Studies in Gediz, Büyük Menderes and Küçük Menderes Rivers *Orkide Minareci*		**10.50 – 11.10**
Evaluation of Heavy Metals in First Flush Rainfall *Yasin İlhanlı*, Erman Ülker*		**11.10 – 11.30**
Management of Industrial Treated Wastewater Reuse in Two Mediterranean Countries (Turkıye-Tunisia) as Mitigation Measures to Water Scarcity in a Climate Change Context: The Trust Project (Torbalı-Fetrek Sub-Basin, İzmir) *Melis Somay-Altaş*, Alper Elçi, Anıl Küçüksümbül, Fatmanur Çakır, Çiğdem Eryılmaz-Saylan*		**11.30 – 11.50**
11.50 - 13.00 Lunch		
13.00 – 13.30 Keynote Speaker: *Prof. Dr. Orhan Gündüz (IZTECH)* Hydrometeorological Status and Dynamic Land Use Analysis of Lake Marmara Under Water Stress		
13.30 – 14.50 Session 2: Sustainability I **Session Chair:** *Assoc. Dr. Melis Somay Altaş (Dokuz Eylül University)*		
Bird Research and Monitoring Studies in The Gediz Delta in 2021 *Ahmet Kaya*, Adem Akyol, Burçin Yaraşlı, Şafak Arslan*		**13.30 – 13.50**
Investigation of The Relationship of Land Subsidence Due to Over-Exploitation of Groundwater with The Variation in Piezometric Levels *Barış Çaylak*, Ali Hakan Ören, Elif Aysu Batkan, Alper Elçi, Carolina Guardiola-Albert, Guadalupe Bru,Pablo Ezquerro, Roberto Tomás, María Inés Navarro-Hernández*		**13.50 – 14.10**
Estimating Groundwater Recharge Using Hydrus Model: A Case Study In Alaşehir Sub-Basin, Western Anatolia *Serhat Tonkul*, Alper Baba, Celalettin Şimşek, Seda Durukan, Ali Can Demirkesen, Gökmen Tayfur*		**14.10 – 14.30**
Groundwater Recharge Estimation for The Azraq Basin (Jordan) Using GIS *Alsharifa Hind Mohammad*, Khaldoun Shatanawi, Alper Elçi*		**14.30 – 14.50**
The Perceived Quality Of Life Around Geothermal Power Plants: An Integrated Approach Based On Socio-Spatıal Analysis And Subjective Evaluations, Case of Alasehir *Gamze Altındaş*, Koray Velibeyoğlu*		**14.50 – 15.10**
15.10 – 15.25 Break		
15.25 – 15.55 Keynote Speaker: *Dr. Esen Momol (University of Florida)* Florida-Friendly Landscaping™: Public Education Outreach for Water Conservation and Water Quality Protection		
15.55 – 17.35 Session 3: Sustainability II **Session Chair:** *Assoc. Dr. Deniz Gerçek (IZTECH)* **Salon - I**	**15.55 – 17.35 Parallel Session: NGOs** **Session Chair:** Assoc. *Dr. Hatice Eser Ökten (IZTECH)* **Salon - II**	
Contributions of Blue Infrastructure / Water Surfaces to Reducing The Urban Heat Island Effect; Case Study of Izmir *Gökçe Gönüllü Sütçüoğlu*, Ayşe Kalaycı Önaç*	GEMA *Presenter, Topic*	**15.55 – 16.15**
Ecological Status Assessment of Ashberon Lakes In Azerbaijan (By The Example Of Lake Gala) *Hajiyeva Sevinj, Aliyeva Tarana, Mustafayev Islam, Bilgehan Nas**	The Chamber of Environmental Engineers *Presenter, Topic*	**16.15 – 16.35**
A Contemporary Nature-Based Approach To Urban Stormwater Management of Bodrum Peninsula In The Light of The Local Water Heritage	The Chamber of Geological Engineers *Presenter, Topic*	**16.35 – 16.55**

Fatma Öykü Çömez, Nicel Yılmaz Saygın*		
Domestic Water Consumption in Karaburun Peninsula *Şevval Meral*, Deniz Gerçek*	The Chamber of Agricultural Engineers *Presenter, Topic*	**16.55 – 17.15**
	İZDOĞA *Presenter, Topic*	**17.15 – 17.35**
17.35 – 18.05 Keynote Speaker: *Assoc. Dr. Mark Clark (University of Florida)*		
18.05 – 18.15 Kapanış		

30 NOVEMBER 2022 - WEDNESDAY	
08.30 – 18.00 Gediz Technical Trip	
Tour Guide: *Şener Kilimcigöldelioğlu (GEMA Foundation)*	
Sabancı Cultural Center, Konak (İzmir)	**08:00**
Kula	**10.30** – **11.30**
Demirköprü Dam	**11.30** – **12:00**
Lunch	**12:30** – **13:30**
Gölmarmara	**13:30** – **15:00**
Yılmazköy	**15:20** – **15:50**
Salihli, Çamurhamamı	**16:10** – **16:20**
Ahmetli Regulator	**16:40 – 17:00**
Turgutlu, Organized Industrial Zone	**17:30 – 18.00**