

# THIRD INTERNATIONAL CONFERENCE ON “CYPRUS ISSUE: ENVIRONMENTAL CHALLENGES AND ENERGY SECURITY - ECES 2022”



## CONFERENCE PROGRAM

### DAY 1 (21 DECEMBER 2022)

08:30 - 11:30 ROOM 1 - OPENING (CYPRUS TIME)

[https://www.youtube.com/watch?v=Q0F\\_7zfDcO4](https://www.youtube.com/watch?v=Q0F_7zfDcO4)

MODERATOR: MUSTAFA ALAS (mustafa.alas@neu.edu.tr)

#### OPENING SPEECHES

08.30  
-  
11.30

Hüseyin Gökçekuş

Necdet Pamir

Görkem Çelik

Hüseyin Alan

Tunç Adanır

Kadri Bürüncük

Aygün Attar

Akif Özkaldı

Cihat Yayıcı

H.E. Mücahit Demirtaş

H.E. Metin Feyzioğlu

H.E. Mustafa Şentop

H.E. Fuat Oktay

H.E. Ersin Tatar

#### 11:30 - 13:30 ROOM 1 - SESSION 1

<https://www.youtube.com/watch?v=SFdtIp0zO3o>

	KEYNOTES	TITLE	
11.40 - 12.00	Özgür Tör	Kıbrıs Adasının Enerji ve Ticaret Güvenliğine Olan Etkisi	
12.00 - 12.20	Yael Rozenchwaj	Exploring AI/Tech for Climate Change	
12.20 - 12.40	Oleg Glazachev	Climate Change and Environmental Security in the Context of Culture and Education	

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12.40 - 13.00	Vahid Nourani	Climate Change Impact on Hydro-climatic Regimes of Metropolises; a Case Study	
13.00 - 13.20	Fadi Altujman	Artificial Intelligence (AI) in Everything - From Hype to Reality	
<b>13.20 – 14.40 ROOM 1 - SESSION-2</b> <a href="https://www.youtube.com/watch?v=aqEcUkYshrQ">https://www.youtube.com/watch?v=aqEcUkYshrQ</a>			
13.20 - 13.40	Mustafa İlbaş	The use of hydrogen as an alternative fuel and characteristics of hydrogen blending fuels	
13.40 - 14.00	Hani Hamdan	Big data approach to fight against global warming	
14.00 - 14.20	Kamal Mohammedi	Low Carbon Energy Strategies in EU-MENA Area	
14.20 - 14.40	Mousa Mohammed	Hydrogen energy: hydrogen production via electrolysis methods	
14.40 - 15.00	Festus Victor Bekun	Unlocking the investment impact of biomass energy utilization on environmental degradation for an isolated island	
<b>15.00 – 16.20 ROOM 1 - SESSION-3</b> <a href="https://www.youtube.com/watch?v=ZrvEpMpvZwE">https://www.youtube.com/watch?v=ZrvEpMpvZwE</a>			
15.00 - 15.20	Saleh A. Sadeg	Impact of Climatic change on seawater Intrusion in The NW coastal area, Libya	
15.20 - 15.40	İftikhar Yasin	The Moderating Role of ICT in the Natural Resource Rent and Environmental Damage Nexus in BRICS: A Comparative Analysis of Carbon Emissions and Ecological Footprints	
15.40 - 16.00	Khalil Ibrahim Al-Samarrai	Expected local Carbon Cycle Change in the atmosphere of Tripoli district, the capital of Libya	
16.00 - 16.20	Nureddin Saadi	Comparative assessment of image processing techniques in the different geological environments in Libya	

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## CONFERENCE PROGRAM

### BREAK

16.40 – 18.00 ROOM 1 - SESSION-4

<https://www.youtube.com/watch?v=bhIVSgpfwSA>

16.40 - 17.00	Malik Maaza	Novel nanocoolants & Nanofluids, IR photocatalyst waste water treatment	
17.00 - 17.20	Necati Ağralıoğlu	Fish Passages at Large Dams: Case Study of Munzur River in Eastern Anatolian Region	
17.20 - 17.40	Ram Gupta	The Role of Nanomaterials in Green Energy Production and Storage	
17.40 - 18.00	Saber Kh. Elmabrouk	Carbon Footprint Risk Management of Electricity Supply Chain	
18.00 - 18.20	Abbas Poorhashemi	Legal Challenges Facing Environmental Protection and Energy Security	

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## CONFERENCE PROGRAM

DAY 2 (22 DECEMBER 2022)			
08.40 – 11.00 ROOM 1 - SESSION 1			
<a href="https://www.youtube.com/watch?v=9KFiu01lmTA">https://www.youtube.com/watch?v=9KFiu01lmTA</a>			
	KEYNOTES	TITLE	
08.40 - 09.00	Zekai Şen	Innovative Renewable Energy Resources under Climate Change Impact	
09.00 - 09.20	İbrahim Gürer	Effect of climate change on the water resources and the hydraulic energy system in Türkiye	
09.20 - 09.40	Widodo Brontowiyono	Analysis of the Grid-Based Water Carrying Capacity for Water Resources Conservation in Klaten District, Central Java Province	
09.40 - 10.00	Hamza Kandemir	“Turkey” Evaluations in Scientific Studies on Military-Political Tension in the Eastern Mediterranean Energy Field	
10.00 - 10.20	Tarek Merabtene	Artificial Intelligence and Evolutionary Computations in Hydrology: Rainfall-runoff modelling as an example	
10.20 - 10.40	Bin Chen	Energy-Water Nexus for Resilient Cities	
10.40 - 11.00	Cemal Aslan	The Delimitation Dispute of the Maritime Jurisdiction Areas in the Eastern Mediterranean	
BREAK			
11.20 – 12.40 ROOM 1 - SESSION-2			
<a href="https://www.youtube.com/watch?v=MDxOd1IFODQ">https://www.youtube.com/watch?v=MDxOd1IFODQ</a>			
11.20 - 11.40	Erdin Bozkurt	Structural Controls on Geothermal Play Types	
11.40 - 12.00	Dilber Uzun Özşahin	Application of Fuzzy Logic Based Decision Analysis in Environmental Engineering	
12.00 - 12.20	Cannur Bozkurt	Geothermal Energy: A game-changing resource through a sustainable future	

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12.20 - 12.40	Mohsen Sheikholeslami	Solar collector system and new approach for improvement of thermal performance	
<b>BREAK</b>			
<b>13.00 – 15.20 ROOM 1 - SESSION-3</b> <a href="https://www.youtube.com/watch?v=S-MpE9wSVAQ">https://www.youtube.com/watch?v=S-MpE9wSVAQ</a>			
13.00 - 13.20	Ergün Olgun	The Cooperation Proposals of the Turkish Republic of Northern Cyprus on Solar Energy and on Offshore Hydrocarbons Exploitation	
13.40 - 14.00	Amir Mor	East MED gas -Trends, Developments and Challenges	
14.00 - 14.20	Hasan Ünal	Turkey as a key player in Eastern Mediterranean Energy Geopolitics	
14.20 - 14.40	Hüseyin Akif Karaca	Proposal of A Contractual Structure for Israel-Turkey Gas Pipeline	
14.40 - 15.00	Mohammed Mehrez Alowa	The future of oil energies in Libya, trends, predictions, impacts & repercussions of global economic crises	
15.00 - 15.20	Mustafa Çıraklı	Revisiting the Eastern Mediterranean Energy Geopolitics in the aftermath of the War in Ukraine	
<b>BREAK</b>			
<b>15.40 – 16.40 ROOM 1 - SESSION-4</b> <a href="https://www.youtube.com/watch?v=IXmgPNe_BHg">https://www.youtube.com/watch?v=IXmgPNe_BHg</a>			
15.40 - 16.00	Alper Baba	Important of geothermal energy and its application in the world	
16.00 - 16.20	Hüseyin Işıksal	The Importance of the Turkish Republic of Northern Cyprus on Türkiye’s Energy Strategy	
16.20 - 16.40	Şakir Alemdar	The effects of the hydrocarbon resources discovered in the Eastern Mediterranean an on the solution of the Cyprus problem	
16.40 - 17.00	Salih Saner	Unconventional Hydrocarbons Along with Renewable Energy	

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## CONFERENCE PROGRAM

17.00 – 18.20 ROOM 1 - SESSION-5 <a href="https://www.youtube.com/watch?v=Sp-krWwVXDE">https://www.youtube.com/watch?v=Sp-krWwVXDE</a>			
17.00 - 17.20	Recep Bülent Şenses	The Effects of Current Regional Geopolitical Transformations on the TRNC	
17.20 - 17.40	Nir Boms	Lebanon-Israel Border Deal and its Impact on Regional Security and Economics	
17.40 - 18.00	Erdi Şafak	The issue of recognition of the TRNC in the context of the validity of the agreements on the establishment of the Republic of Cyprus and the ability of the TRNC to exercise its rights and authorities on the Eastern Mediterranean energy resources	
18.00 - 18.20	İhsan Tayhani	A Versatile Perspective on Strategic Developments Around Cyprus, the Third Biggest Island in the Mediterranean	

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## CONFERENCE PROGRAM

DAY 3 (23 DECEMBER 2022)			
08.40 – 11.00 ROOM 1 - SESSION 1			
<a href="https://www.youtube.com/watch?v=cFFDBa-7Y9w">https://www.youtube.com/watch?v=cFFDBa-7Y9w</a>			
	KEYNOTES	TITLE	
08.40 - 09.00	İsmail Hakkı Pekin	The role of the Turkish Naval Forces in the geostrategic and geopolitical of the eastern Mediterranean	
09.00 - 09.20	Hüseyin Bağcı	Turkey's foreign and security policies in times of global transition: challenges and opportunities	
09.20 - 09.40	Dursun Yıldız	Increasing Water Security Challenges in the Eastern Mediterranean? A Broader Outlook	
09.40 - 10.00	Sait Akşit	Turkey's Transatlantic Relations, Eastern Mediterranean and the changing nature of Turkish-Greek Disputes	
10.00 - 10.20	Nurettin Abacıoğlu	What does "Blue Homeland" doctrine?	
10.20 - 10.40	Hayriye Kahveci	Parameters of Energy Security in The Eastern Mediterranean: A Research Agenda	
10.40 – 12.40 ROOM 1 - SESSION-2			
<a href="https://www.youtube.com/watch?v=YDml6pZpgNU">https://www.youtube.com/watch?v=YDml6pZpgNU</a>			
10.40 - 11.00	İlyas Topsakal	Turkey's Geopolitical Codes and the Eastern Mediterranean	
11.00 - 11.20	Soyalp Tamçelik	The Political Integration of Middle East (ME), Eastern Mediterranean (EM) and Cyprus (C) as a doctrine in Turkish Foreign Policy: The ME-EM-C/MEM-C Doctrine	
11.20 - 11.40	Yalçın Sarıkaya	A Window of Opportunity for Energy Security in the 21st Century: The Caspian-Eastern Mediterranean Bond	
11.40 - 12.00	Taner Erginel	Maritime Law	

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12.00 - 12.20	Cemal Aslan	Natural gas geopolitics in eastern Mediterranean	
12.20 - 12.40	Gökhan Güler	The Rights of Türkiye and the TRNC in The Eastern Mediterranean in Terms of International Maritime Law	
<b>12.40 – 14.00 ROOM 1 - SESSION-3</b> <a href="https://www.youtube.com/watch?v=OxmG2fRmc">https://www.youtube.com/watch?v=OxmG2fRmc</a>			
12.40 - 13.00	Kürşat Güç	Türkiye's energy policies in the Eastern Mediterranean as a tool in the pursuit of status and ontological security	
13.00 - 13.20	Ebru Oğurlu	The Politics of Energy Security	
13.20 - 13.40	Süha Çubukçuoğlu	Turkey's Natural Gas Policy: Economics, Security, Diplomacy	
13.40 - 14.00	Nazım Beratlı	Is the Eastern Mediterranean Sea only an energy source only?	
<b>BREAK</b>			
<b>14.20 – 15.40 ROOM 1 - SESSION-4</b> <a href="https://www.youtube.com/watch?v=Ho_R7mbR0w">https://www.youtube.com/watch?v=Ho_R7mbR0w</a>			
14.20 - 14.40	Murat Ferman	The Role of Universities in Sustainability and Energy Transition Matters: The Case of Beykent University	
14.40 - 15.00	Murat Fahrioğlu	Sustainable Energy Solutions for the TRNC	
15.00 - 15.20	Serkan Abbasoğlu	Influence of COVID-19 on Electricity Consumption in Northern Cyprus	
15.20 - 15.40	Uğur Atikol	Replanning the energy sector with demand-side measures	
<b>BREAK</b>			



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## CONFERENCE PROGRAM

16.00 – 18.20 ROOM 1 - SESSION-5 <a href="https://www.youtube.com/watch?v=JvJXKWZQ58o">https://www.youtube.com/watch?v=JvJXKWZQ58o</a>			
16.00 - 16.20	Elshan Bagirzadeh	A Review on Renewable Energy Policy of Azerbaijan	
16.20 - 16.40	Orhan Gemikonaklı	Renewable Energy and Energy Security: The Case of Northern Cyprus	
16.40 - 17.00	Özgür Cemal Özerdem	Electrical Energy problems of Turkish Republic of Northern Cyprus and Renewable Energy as a Solution	
17.00 - 17.20	Jim Lamarox	Groundwater Science: Issues and Research Trends	
17.20 - 17.40	Tarzan Legovic	Ecological modelling for conserving biodiversity on a wind farm	
17.40 - 18.00	Yaşar Hacısalıhoğlu	A New Geopolitical Playground: The Eastern Mediterranean//Yeni Bir Jeopolitik Oyun Alanı: Doğu Akdeniz	
18.00 - 18.20	Hüseyin Gökçekuş	Water and energy mitigation behavior: No peace without water and energy in the eastern Mediterranean region	