



# PROGRAM BOOK

## CENVISU 2025 PARTICIPANTS FLAGS



The image displays the flags of the nine participating countries in the CENVISU 2025 competition, arranged in two rows. The top row contains the flags of Portugal, Egypt, Turkey, Pakistan, Kazakhstan, and Romania. The bottom row contains the flags of Poland, France, and Uzbekistan.



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12TH GLOBAL CONFERENCE ON  
ENVIRONMENTAL STUDIES

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# **12th Global Congress on Environmental Studies (CENVISU-2025)**

<https://globalcenter.info/cenvisu/>

**Istanbul Aydın University**

**Hall Name: T Block Purple**

**Beşyol, İnönü Cd. No:38, 34295 Küçükçekmece, İstanbul, Türkiye**

**Istanbul – Turkey**

**December 05 -07, 2025**

**Online Participation Link**

<https://meet.google.com/pat-vqbb-vtp>

TIME ZONE (GMT+3)

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# KEYNOTES



PROF. DR. HACI DURAN, ISTANBUL  
AYDIN UNIVERSITY, TURKEY

## Title

“Cultural and Economic Consumption of Nature and Naturalness”

## Biography

Prof. Dr. Hacı Duran is the Head of the Sociology Department at Istanbul Aydın University. He earned his doctorate from Istanbul University. He conducted academic research at Sakarya, Gaziantep, and Adıyaman Universities. He also served as Dean. He has published numerous popular science articles on environmental issues in the Local Siyaset magazine. He has also published numerous scientific articles in the fields of Education, Management, Religion, Labor, and Industrial Sociology. In recent years, he has contributed to numerous scientific organizations, particularly in the Middle East and North Africa, through his research and lectures. He speaks Arabic and English.

He currently conducts research on the sociology of health and environmental issues. He publishes popular science articles on his blog, [www.haciduran.com](http://www.haciduran.com), which has been active for 15 years. He is also the author of a book, The Dynamics of the Industrial Age.



**PROF. DR. HUSEYIN UZUNBOYLU,  
UNIVERSITY OF KYRENIA, NORTH  
CYPRUS.**

## **Title**

“Considerations for publishing environmental research articles in high-impact journals: Scopus and Web of Science”

## **Biography**

Prof. Dr. Huseyin Uzunboylu he had completed high school at 20 Temmuz High School in Cyprus. In 1985, his higher education career began by winning the Anatolia University, Department of Communication and Planning on Education in Turkey. And after he had completed his preparatory education in one year and he completed his undergraduate degree in 1991. Prof. Dr. Huseyin Uzunboylu started his graduate education in Ankara University, the Department of Curriculum and Instruction in 1993 and graduated in 1995. He was accepted into the doctoral program in the same university, Educational Technology Department of Educational Sciences in 1995 and he completed his PhD degree in 2002. In 2003, he became an Assistant Professor in the Department of Computer Education and Instructional Technology at the Near East University. He was an Associate Professor in 2005 in Ataturk Faculty of Education, and in December 2010, with respect to the members of juries he was appointed as a professor. After doctoral studies he started working at the Near East University, Faculty of Arts and Sciences Department of Psychology in 1996 and he taught courses that educational sciences and research methods. He coordinated of ‘Pedagogy Certificate Program’ which was conducted by the University from 1997 to 1999, and since he conducted Chairman of the Department of Computer Education and Instructional Technology from 2004 to 2013. From 2013 to 2018, he serves as a Dean of Faculty of Education. Since 23 October 2019, he is appointed to member of Higher Education Planning, Supervision, Accreditation and Coordination Board by President of North Cyprus (TRNC). Prof. Dr. Uzunboylu has five academic books published by Turkey’s respected publishing firms; he has supervised five doctoral and 63 master’s theses up to now. He has 103 high-level articles that are searching by Web of Science (SSCI, SCI, SCI-Expanded, ESCI); He has 27 searching article and published papers are presented on international or national conferences. He is editor-in chief of the Cypriot Journal of Educational Sciences; also, Prof. Dr. Uzunboylu serves as the boards of many journals referee within the searching in the Social Sciences Citation Index. Since 2004, he is taking place on the list as founders, and he is president of the Cyprus Educational Sciences Association (KEB-DER). In 2010, Prof. Dr. Uzunboylu has a major role representing KEB-DER and put effort on being a full member of European Educational Research Association.

**PROGRAM**  
**05/12/2025, Friday**

**Session 1**  
**14:00 – 16:00**  
**Oral and Online Presentation**

ORDER	TITLE	AUTHOR, AFFILIATION, and COUNTRY
1	Uncovering Drivers of Political Resistance to the Phase-Out of Russian Fossil Fuels in Europe: Mapping Narratives, Dependencies, Financial Influence	Ivan Hortal Sanchez, Belgium
2	A Novel Approach for Solar Power Generation Using Greenhouse Heating	Bharath Srinivas Srikanth, OTH Amberg-Weiden, Germany
3	Assessment of Foreign Language Learning at High (Secondary) School and University levels In Terms of CEFR Standards	Mehmet Temur, Inonu University, Turkey

**06/12/2025, Saturday**

06.12.2025 10:00 – 10:10	Opening Ceremony	Hall 1
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TIME	TITLE	SPEAKER	HALL NAME
06.12.2025 10:10 – 10:40 Keynote 1	Cultural and Economic Consumption of Nature and Naturalness	Prof. Dr. Hacı Duran, Istanbul Aydin University, Turkey	1
06.12.2025 10:40 – 11:20 Keynote 2	Considerations for publishing environmental research articles in high-impact journals: Scopus and Web of Science	Prof. Dr. Huseyin Uzunboylu, University of Kyrenia, North Cyprus.	1

11:20 – 11:30	Coffee break
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## Session 2

### 11:30 – 13:00

### Oral Presentation

ORDER	TITLE	AUTHOR, AFFILIATION, and COUNTRY
1	The Impact of Fine Arts on Environmental Awareness and Eco-Aesthetic Pursuits.	Ebru Erbudak, Istanbul Aydin University, Turkey
2	Use of green-synthesized ZnO nanoparticles as a photocatalyst to degrade a textile dye in aqueous solution	Tarek Berrama, University of sciences and technology Houari Boumediene, Algeria
3	Characterization of Two-Phase Flow Regimes in Hydrophobic Micro-Channels for PEM Fuel Cells	Nouara Ibrahim-Rassoul, University of Sciences and Technology Houari Boumediene USTHB, Algeria Yacine Salhi, University of Sciences and Technology Houari Boumediene USTHB, Algeria El-Khider Si-Ahmed, Nantes Université, France
4	Digital Sequence Information (DSI) and the Nagoya Protocol: Update, Ambiguities, Challenges and Regulatory Gaps	Pascale Joseph
5	Proposing a novel solar-driven hybrid system for water, cooling, and power production	Mahdi Deymi-Dashtebayaz, Hakim Sabzevari University, Iran
6	Mapping Renewable Energy Publications: A Bibliometric Analysis Using Rstudio Bibliometrix	Yasemin Ozlman Farimaz, Ege University, Izmir Bakircay University, Turkey

13:00 – 14:00	Lunch
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## ORAL PRESENTATIONS

14:00 – 16:00

### Session 3

ORDER	TITLE	AUTHOR, AFFILIATION, and COUNTRY
1	Intelligent control based on Machine Learning of Energy Sharing in Wind-Based Microgrids AYMEN BAMAAROUF PhD Student, Electrical Engineering, Higher	Aymen Bamaarouf, Electrical engineering, Morocco
2	Investigating the pressure distribution of an airfoil with a cylindrical body	Mohammad Hossein Ghadimi Gorakhh, Malek Ashtar University of Technology, Iran.
3	Contribution to the attack of sulfate water on the environment of the Hammam-Debagh dam in Algeria	Ben Khadda Ben Ammar, University of Biskra, Algeria
4	Competitive And Non-Competitive Adsorption of Heavy Metal Ions by Brut Keratin Powder from Algerian Sheep Horns	Rafika Souag, University of Boumerdes, Algeria Fatiha Sidi Ali, University of Boumerdes, Algeria Nessrine Seddiki, University of Boumerdes, Algeria
5	Competitive Advantages of Iran's Tourism Industry in the International Arena: An Analysis Using Porter's Diamond Model	Nasrin Kazemi, University of Tehran, Iran
6	Barriers to engaging foreign stakeholders (Iranians living abroad) in tourism development and investment in Iran	Nasrin Kazemi, University of Tehran, Iran
7	Investigation of Optical Spots Formed on the Photomatrix Surface by Continuous Optical Radiation Propagating Through an Optical Fiber	Mehtiyev Ali, Kazakhstan Institute of Standardization and Metrology, Kazakhstan

## POSTER PRESENTATIONS

14:00 – 16:00

### Session 4

1	Comparative assessment of different faults impact on photovoltaic array based serial / parallel configuration	Ahmed Mohammedi, University of Bejaia, Algeria Abdelaziz Zerglaine, University of Chlef, Algeria Nasser Eddine Mebarki, University of Bejaia, Algeria Rachid Taleb, University of Chlef, Algeria
2	Comparative Study of Photocatalysis and Sonophotocatalysis for Textile Dye Degradation Using MgAl <sub>2</sub> O <sub>3</sub>	Mohamed Belmedani, University of Sciences and Technology Houari Boumedienne, Algeria Asma HEMMI, University of Sciences and Technology Houari Boumedienne, Algeria El Hadj MEKATEL, University of Sciences and Technology Houari Boumedienne, Algeria
3	Exploring Third-Generation Biodiesel Production from Chlorella vulgaris Microalgae	Karima Bourenane, University of Sciences and technologie Houari Boumediene, Algeria Imene Boutaleb, Algeria Ilhem Fegas, University of Sciences and technologie Houari Boumediene, Algeria Samia Briki, University of Sciences and technologie Houari Boumediene, Algeria
4	Conceptual Design of a Natural Sound Barrier: A Green Solution for Urban Noise Reduction	Piotr Jedrzejczyk, Warsaw University of Life Sciences, Poland
5	Experimental Evaluation of Shear Modulus and Failure Mechanisms in Unidirectional Composite Bars under Torsion	Choubeila BCH Boubechou, University 20 August 1955, Algeria
6	Comparison of tensile and flexural behavior of glass-epoxy and glass-polyester composites	Choubeila BCH Boubechou, University 20 August 1955, Algeria Mouadji MY Youcef, National Polytechnic School of Constantine, Algeria Ali AB Bouchoucha, Constantine1 University, Algeria Hamid HZ Zaidi, University of Poitiers, Algeria
7	Development and Characterization of Recycled High-Density Polyethylene/Biochar Biocomposites with Varied Filler Loadings	Amel Mohamed Ben Ali, University of SKIKDA, Algeria
8	Performance enhancement of heat transfer by using biomass carbon nanofluids	Karima boukerna, University of 20 Août 1955 Skikda, Algeria.
9	Geo-Environmental Analysis of Erosion Factors in the Soummam Watershed, North-East Algeria	Salhi Salhi Schahrazed, National Higher School for Hydraulics, Algeria Hamitouche Hamitouche Yasmine, National Higher School for Hydraulics, Algeria
10	Numerical Simulation of the Remineralization of Reverse Osmosis Water	Hachemi Abdelkader, Laboratoire MVRE, Ecole Nationale Supérieure d'Hydraulique, Algeria

11	Microstructural and Mechanical Properties of Cu based Alloy Manufactured by Self-Propagating High-Temperature Synthesis Method	Amiour Yacine, University Of 20 Aout 1955 Skikda, Algeria
12	Metaheuristic Optimization of Permanent Magnet Synchronous Machine Design Using Grey Wolf and Teaching–Learning-Based Algorithms	Farouk Boukhenoufa, University of 20 August 1955 Skikda, Algeria Nabil Mezhoud, University of 20 August 1955 Skikda, Algeria Ahmed Bahri, University of Ghardaia, Algeria
13	Enhancing Traceability, Transparency and Environmental Accountability in the Fisheries Sector	Eva Martínez-Ibañez, Cantabria University, Spain Jara Laso, Cantabria University, Spain Ana Fernández Campos, Cantabria University, Spain Maria Margallo, Cantabria University, Spain Ruben Aldaco Garcia, Cantabria University, Spain
14	Enhanced RUL Prediction of Li-ion Batteries Using a Decomposition-Aware Multi-Scale Transformer	Tahar Boukra, University of the 20th August 1955 Skikda, Algeria Smail Bazi, University of Mustafa Benboulaïd Batna 2, Algeria
15	Electrical Power Generation in The Algerian Sahara by Solar Energy Combined with a Hydrogen Module using HOMER Pro Software	Adel Miles, University of freres Mentouri, Algeria
16	Recycling of Used Engine Oil Using Solvent Extraction and Acid Treatment	Abdulrauf A. Aboujadeed, Petroleum Research Center, Libya
17	Quantifying the Flexibility Gap in Albania's Power System Under Increasing Solar PV Penetration	Driada Mitrushi, Polytechnic University of Tirana, Albania Valbona Muda, UPT, Polytechnic University of Albania Irma Berdufi, Polytechnic University of Tirana, Albania Urim Buzra, Polytechnic University of Tirana, Albania Joan Jani, Polytechnic University of Tirana, Albania

16:00 – 16:30	Coffee Break
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18:00 – 18:20	Closing Ceremony
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**07/12/2025, Sunday**

09:00 – 18:00	Historical Istanbul Tour
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