

**6th INTERNATIONAL
CONFERENCE ON
ENVIRONMENTAL
DESIGN AND HEALTH**

ICED2025

<https://iced.eap.gr/>

1-2 November 2025

Heraklion, Crete, Greece and Virtual

Scope

The conference will combine the most recent scientific developments in Environmental Design (Sustainability / Pollution / Energy / Cities-Buildings / Transportation / Erosion / Climate Change / Policy / Social Acceptance / Health Issues). Due to the many demands for health issues, the “Health” is added in the title of the Conference.

It will provide a unique opportunity for experts to interact and to apply their knowledge and latest research findings to the design and developments of environmental processes and also to discuss health issues.

Thematic Areas

Sustainability

Pollution – Pollution Control (outdoor and indoor air pollution, water pollution, soil pollution, noise and light pollution)

Analysis of Pollutants

Environmental Impact Studies

Circular Economy

Energy Sustainability, Environmental Impacts of Energy (RES/Fossil Fuels/Nuclear)

Sustainable Mobility, Impacts of Transportation on the Environment

Environmental Design of Buildings and Cities

Erosion, Protection of Specific Zones (Coastal Zone, Mountains,...), Geotechnical Projects

Climate Change, Meteorology, Mitigation of Greenhouse Gas, Adaptation and Impacts of Climate Change

Effects of Pollution, Climate Change and Environmental Parameters on Human Health and Ecosystems

Economic, Historical, Legal, Social and Political Issues of Energy and Environment, Political Ecology

Environmental Education

Environmental Policy

Social Acceptance of Environmental Problems

Theoretical Design Issues / Impacts of Environmental Design

Health Impacts, Health Issues

Scientific Committee

Abdou Saliha, Université Salah Boubnider Constantine 3, Algeria
Anagnostopoulou Christina, Aristotle University of Thessaloniki, Greece
Arabatzi Garyfallos, Democritus University of Thrace, Greece
Bachawati Makram, University of Balamand, Lebanon
Benharkat Sarah, Université Salah Boubnider Constantine 3, Algeria
Benhassine Nassira, Université Salah Boubnider Constantine 3, Algeria
Del Rio Alberto, Innovamol, Italy
Dijksterhuis Garnt, University of Maastricht, The Netherlands
Doulos Lambros, Hellenic Open University
Drimili Efi, Hellenic Open University, Greece
Gareiyou Zoe, Hellenic Open University, Greece
Herrero-Martin Ruth, Polytechnic University of Cartagena, Spain
Ioannidis Theofilos, FORTH/ICE-HT, Greece
Kaika Dimitra, Hellenic Open University, Greece
Karatzas George, Technical University of Crete, Greece
Kechagia Fotini, Aristotle University of Thessaloniki, Greece
Kontoleon Karolos, Aristotle University of Thessaloniki, Greece
Kosmas Petros, Cyprus University of Technology, Cyprus
Loupasakis Constantinos, National Technical University of Athens, Greece
Marcou Gilles, University of Strasbourg, France
Matsouki Niki, Hellenic Open University, Greece
Mihajlovic Marina, University of Belgrade, Serbia
Perez Gabriel, University of Lleida, Spain
Perini Katia, University of Genova, Italy
Poulopoulos Stavros, Nazarbayev University, Kazakhstan
Pourchez Jeremie, School of Mines of St. Etienne, France
Saba Marianne, University of Balamand, Lebanon
Sakantamis Konstantinos, Aristotle University of Thessaloniki, Greece
Stamatelatu Katerina, Democritus University of Thrace, Greece
Svetozarevic Milica, University of Belgrade, Serbia
Theodosiou Theodoros, Aristotle University of Thessaloniki, Greece
Tsagarakis Konstantinos, Technical University of Crete, Greece
Tseliou Areti, Hellenic Open University
Vatikiotis Leonidas, Hellenic Open University, Greece
Vanzeveren Emmanuel, It Makes Sense, Belgium
Zerefos Stelios, Hellenic Open University
Zervas Efthimios, Hellenic Open University, Greece, Chair of the Conference

Organizing Committee

Efthimios Zervas, Hellenic Open University, Chair of the Conference
Zoe Gareiou, Hellenic Open University
Eleftheria Koutroumani, Hellenic Open University
Maria Makrygianni, Hellenic Open University
Ioannis Mandalas, Hellenic Open University
Niki Matsouki, Hellenic Open University
Areti Tseliou, Hellenic Open University
Chara Tsipa, Hellenic Open University

Conference Venue

ICED2025 will take place in a hybrid mode:

- INSITU:
- ONLINE

Connection Links for the online participants (Athens time)

1/11 ΠΑΣΙΦΑΗ Ι (PASIFAI I)

Saturday, November 1, 2025

7:00 AM | (UTC+03:00) Athens, Bucharest | 14 hrs

Join from the meeting link

<https://hou.webex.com/hou/j.php?MTID=m00b9b0df22b62abb1f3034198cb8bc4b>

Join by meeting number

Meeting number (access code): 2785 655 9902

Meeting password: 8Kg7qPmBTD5

Tap to join from a mobile device (attendees only)

[+30-21-1990-2394,27856559902##](tel:+30-21-1990-2394,27856559902##) Greece Toll

[+30-21-1198-1029,27856559902##](tel:+30-21-1198-1029,27856559902##) Greece Toll 2

Join by phone

+30-21-1990-2394 Greece Toll

+30-21-1198-1029 Greece Toll 2

[Global call-in numbers](#)

Join from a video system or application

Dial [27856559902@hou.webex.com](tel:27856559902@hou.webex.com)

You can also dial 62.109.219.4 and enter your meeting number.

1/11, ΠΑΣΙΦΑΗ ΙΙ (PASIFAI II)

Saturday, November 1, 2025

7:00 AM | (UTC+03:00) Athens, Bucharest | 14 hrs

Join from the meeting link

<https://hou.webex.com/hou/j.php?MTID=m8cab5a1ed10af81888c35e4f083370ea>

Join by meeting number

Meeting number (access code): 2781 842 8176

Meeting password: mBs3eKxV2m7

Tap to join from a mobile device (attendees only)

[+30-21-1990-2394,,27818428176##](tel:+30-21-1990-2394,,27818428176##) Greece Toll

[+30-21-1198-1029,,27818428176##](tel:+30-21-1198-1029,,27818428176##) Greece Toll 2

Join by phone

+30-21-1990-2394

Greece Toll

+30-21-1198-1029

Greece Toll 2

[Global call-in numbers](#)

Join from a video system or application

Dial 27818428176@hou.webex.com

You can also dial 62.109.219.4 and enter your meeting number.

2/11 ΠΑΣΙΦΑΗ Ι (PASIFAI I)

Sunday, November 2, 2025

7:00 AM | (UTC+03:00) Athens, Bucharest | 14 hrs

Join from the meeting link

<https://hou.webex.com/hou/j.php?MTID=m2d44fd18837cf6209949c5ca52009000>

**Join by meeting
number**

Meeting number (access code): 2785 958 2681

Meeting password: t7aR3X4Uvtb

Tap to join from a mobile device (attendees only)

[+30-21-1990-2394,,27859582681##](tel:+30-21-1990-2394,,27859582681##) Greece Toll

[+30-21-1198-1029,,27859582681##](tel:+30-21-1198-1029,,27859582681##) Greece Toll 2

Join by phone

+30-21-1990-2394

Greece Toll

+30-21-1198-1029

Greece Toll 2

[Global call-in numbers](#)

Join from a video system or application

Dial 27859582681@hou.webex.com

You can also dial 62.109.219.4 and enter your meeting number.

2/11/ ΠΑΣΙΦΑΗ ΙΙ (PASIFAI II)

Sunday, November 2, 2025

7:00 AM | (UTC+03:00) Athens, Bucharest | 14 hrs

Join from the meeting link

<https://hou.webex.com/hou/j.php?MTID=m1f5773ea92635733123e54ea8f090a59>

Join by meeting number

Meeting number (access code): 2785 253 6253

Meeting password: yMMAYc8pZ95

Tap to join from a mobile device (attendees only)

[+30-21-1990-2394,,27852536253##](tel:+30-21-1990-2394,27852536253##) Greece Toll

[+30-21-1198-1029,,27852536253##](tel:+30-21-1198-1029,27852536253##) Greece Toll 2

Join by phone

+30-21-1990-2394 Greece Toll

+30-21-1198-1029 Greece Toll 2

[Global call-in numbers](#)

Join from a video system or application

Dial 27852536253@hou.webex.com

You can also dial 62.109.219.4 and enter your meeting number.

PROGRAM - General Overview

Day	Start	End	ΠΑΣΙΦΑΗ (PASIFAI)	Session	Number of papers	Chair		ΠΑΣΙΦΑΗ (PASIFAI)	Session	Number of papers	Chair
Saturday	08:00	09:15		Arrival, Connection							
Saturday	09:15	09:30	I	Welcome Introduction							
Saturday	09:30	10:15	I	<i>Plenary I</i>							
Saturday	10:15	11:00	I	<i>Plenary II</i>							
Saturday	11:00	11:15		<i>Break</i>					<i>Break</i>		
Saturday	11:15	12:45	I	<i>Health</i>	6	Zervas		II	<i>Sustainability</i>	6	Didenko
Saturday	12:45	13:30		<i>Break</i>							
Saturday	13:30	15:00	I	<i>Cities & Buildings I</i>	6	Herrera		II	<i>Ecology & Ecosystems</i>	6	Rajandu
Saturday	15:00	15:15		<i>Break</i>							
Saturday	15:15	16:45	I	<i>Climate Change</i>	5	Kabolis		B	<i>Materials</i>	6	Saba
Saturday	20:00	23:00		<i>Gala Dinner</i>							
Sunday	09:00	09:30		Arrival, Connection							

Sunday	09:30	10:15	I	Plenary III							
Sunday	10:15	10:30		Break					Break		
Sunday	10:30	12:00	I	Socio-economic aspects & education	6	Karakasnaki		II	Pollution & Land erosion	6	Skotidas
Sunday	12:00	12:30		Break					Break		
Sunday	12:30	14:30	I	Energy	6	Natia		II	Cities & Buildings II	6	Tseliou
Sunday	14:30	15:00		Break					Break		
Sunday	15:00	17:00	I	Transportation	6	Kehagia					
Sunday	17:00	17:45	I	POSTER SESSION		Zervas					
Sunday	17:45		I	Closing remarks							

The hours indicated here correspond to Athens, Greece, time zone

PROGRAM – Welcome

Efthimios Zervas. Professor of Environmental Impacts Technology, Hellenic Open University, Director of the MSc Program “Environmental Design”, Vice Rector of Finance and Infrastructure of Hellenic Open University, Chair of the Conference

PROGRAM – Plenary Lectures

Plenary Lecture 1: Illuminating the Mind: The Impact of Light on Mental Health

Maria Basta, University of Crete, Greece



Maria Basta has a MD & PhD Diploma from the School of Medicine, University of Crete (UoC), Greece and had a postdoctoral fellowship for sleep medicine at the Sleep Research & Treatment Center, PennState Univ, USA. Her current position is Professor of Psychiatry, University of Crete and she is Director of Departments of Adult and Child & Adolescent Psychiatry at the University Hospital of Heraklion, Greece. She has more than 100 articles (citations > 3,900 , h-index:32) and her research is mainly focus on elderly, cognitive disorders and sleep.

Plenary Lecture 2: The Mediterranean Diet: a healthy and sustainable dietary pattern, an intangible cultural heritage

Mary Yannakoulia, Harokopio University of Athens, Greece



Mary Yannakoulia is a Professor of Nutrition and Eating Behaviour in the Department of Nutrition and Dietetics, Harokopio University, Athens, Greece. Her research interests are related to factors that influence human eating behavior, adherence to diet and lifestyle interventions, as well as diet and aging/cognitive decline. Dr Yannakoulia has been the Principal Investigator in studies funded by the EU, national or other international agencies and a Co-Investigator in multiple others. She has co-authored 310 scientific publications in highly esteemed journals (including New England Journal of medicine, Lancet Neurology, Metabolism, Heart) (>10000 Scopus citations, H-index = 49) and multiple presentations in internationally acclaimed scientific conferences – meetings. She has been the recipient of the EFAD Honorary European Dietetic Fellowship Award (2023).

Plenary Lecture 3: Tobacco products and global sustainability

Luciano Ruggia, Swiss Association for Tobacco Control



Luciano Ruggia is Managing Director of Swiss Association for Tobacco Control

“In January 2020, I took over the management of AT Switzerland. My goal is to strengthen and better position AT with regard to the developments in the consumption of nicotine products as well as the structural changes that are taking place, especially at the legal level. Our country is still one of the laggards in terms of protection from smoking and the influence of the tobacco industry. There are very competent, committed people working both in the AT and in our network. I would like to lean on them to advance the cause and values of AT Switzerland.”

PROGRAM – Oral presentations

Session	TITLE	NAME	INSITU/O NLINE
Cities and Buildings I	BIG4LIFE. MONITORING AND EVALUATION OF IMPACTS OF BUILDING-INTEGRATED GREENERY SYSTEMS	G. Pérez, T. Pallejà, M. Tresanchez, L. Herrera, J. Coma, M. Polls	INSITU
Cities and Buildings I	BIG4LIFE. BUILDING-INTEGRATED GREENERY SYSTEMS. CHARACTERISATION OF BUILDINGS AND STAKEHOLDERS	L. Herrera, G. Mazzucco, G. Pérez, J. Coma, M. Polls	INSITU
Cities and Buildings I	EXPERIMENTAL AND SIMULATION ANALYSIS OF IEQ AND ENERGY DEMAND IN AN OFFICE BUILDING IN NORTHERN GREECE	Giannis Papadopoulos, Giorgos Panaras	INSITU
Cities and Buildings I	PHYSICAL CHARACTERISTICS OF TYPICAL LEBANESE SOIL FOR GREEN ROOFS	Makram El Bachawati, Marita El Abiad, Cherellem Atallah	ONLINE
Cities and Buildings I	COMPARATIVE ANALYSIS OF NATURE-BASED SOLUTIONS FOR URBAN FLOOD MANAGEMENT IN MEDITERRANEAN CITIES	Theodora Theodoridou, Athina Vitopoulou	ONLINE
Cities and Buildings I	DESIGN OF A MOTOGP CIRCUIT IN HERAKLION CRETE – A PRELIMINARY TECHNICAL APPROACH	N. Mpalamoutsos, P. Lemonakis, F. Kehagia	ONLINE
Cities and Buildings II	PROBLEMS WITH ACCESSIBILITY IN URBAN AREAS - CASE STUDY OF CITY OF SHTIP, R. NORTH MACEDONIA	Vladica Nikolovska and Nada Doneva	ONLINE
Cities and Buildings II	TRANSFORMATION OF SOCIOECONOMIC ENVIRONMENT IN PERI-URBAN AREAS OF AHMEDABAD, INDIA	Kothary Swati	ONLINE
Cities and Buildings II	CHANGES IN QUALITY OF LIVING ENVIRONMENT DUE TO LANDUSE TRANSFORMATION IN RURAL AREAS OF AHMEDABAD CITY, INDIA	Kothary Swati	ONLINE
Cities and Buildings II	INTEGRATED REGRESSION AND CLUSTER ANALYSIS FOR COST BENEFIT EVALUATION OF ENERGY RETROFIT INTERVENTIONS IN HELLENIC SCHOOLS	Margarita Petroliagki , Sophia Giannarou	ONLINE
Cities and Buildings II	THE ENVIRONMENTAL DESIGN OF SCHOOL BUILDINGS IN GREECE AND ITS IMPACTS ON CHILDREN WITH DISABILITIES.	Stella Tyrovola	ONLINE
Cities and Buildings II	THE NEED FOR HEAT-RESILIENT, NATURAL PLAY SPACES: THERMAL MAPPING OF PLAYGROUNDS IN A COMPACT MEDITERRANEAN CITY	Garyfallia Katsavounidou	ONLINE
Climate Change	MAGNETIC DECLINATION AND SPACE WEATHER: A POSSIBLE MECHANISM IN CLIMATIC CHANGE AND WEATHER FORECAST	Dimitrios Kampolis	INSITU
Climate Change	Analyzing Causes of Urban Hotspots in Wrocław: Implications for Climate-Responsive Cities	Melika Tasan, Jolanta Dąbrowska	INSITU

Climate Change	INVESTIGATION THROUGH QUESTIONNAIRES OF THE IMPACT OF TOURIST FLOWS ON ENVIRONMENTAL DEGRADATION: CASE STUDY IN THE MUNICIPALITY OF MYKONOS, GREECE	Konstantinos Katsoudas, Dimitra Kaika	INSITU
Climate Change	INVESTIGATION OF CO2 EMISSIONS RELATED TO THE 3D-PRINTING OF POLYMERIC MATERIALS	George Skotidas, Nikoleta Chatzidai, Dimitrios Karalekas	INSITU
Climate Change	EVALUATING THE MICROCLIMATE IMPACT OF EXTENSIVE GREEN ROOFS ON SCHOOL BUILDINGS IN MEDITERRANEAN ENVIRONMENTS: A CASE STUDY IN ATHENS, GREECE	Rodothea Karaiskaki, Areti Tseliou, Evgenia Tousi, Athina Mela, Efthimios Zervas	ONLINE
Ecology-Ecosystems	FACTORS INFLUENCING THE MORPHOLOGY OF SYNTRICHIA RURALIS	Elle Rajandu, Kaisa Raaper, and Marko Kaasik	INSITU
Ecology-Ecosystems	THE IMPACT OF NEW PUBLIC MANAGEMENT ON THE TRANSFORMATION OF THE GREEK FOREST SERVICE	Antigone Karadonta, Ioannis Papadopoulos, Georgios Aspridis, Marios Trigkas, Glykeria Karagouni	ONLINE
Ecology-Ecosystems	ECOLOGICAL CONNECTIVITY BETWEEN BALTIC SEA OFFSHORE ROCKY SHOALS AND THE LATVIAN COAST BASED ON MODELLING MUSSEL MYTILUS TROSSULUS VELIGER SURFACE MIGRATION PATHWAYS	Daiga Cepīte-Frišfelde, Ingrida Andersone, Anete Fedorovska, Aigars Valainis, Juris Senņikovs	ONLINE
Ecology-Ecosystems	BIDIRECTIONAL RECURRENT NEURAL NETWORK MODELING APPROACH EXPLORATION FOR TREE STEM DIAMETER PREDICTION	Maria Diamantopoulou	ONLINE
Ecology-Ecosystems	FOREST ROAD DESIGN AND CALCULATION OF BIOMASS REMOVAL VOLUME USING UNMANNED AERIAL VEHICLES (UAVs) COMBINED WITH LIDAR SENSORS	Georgios Kolkos, Thomas Katagis, Garyfallos Arabatzis, Apostolos Kantartzis, Anastasia Stergiadou	ONLINE
Ecology-Ecosystems	FOREST FIRES IN GREECE: ENVIRONMENTAL IMPACTS AND RESTORATION METHODS	Maria Mavraki, Zoe Gareiou	ONLINE
Health	ENVIRONMENTAL DESIGN AND HEALTH: A BIBLIOMETRIC ANALYSIS	Maria Makrygianni, Eleftheria Koutroumani, Niki Matsouki and Efthimios Zervas	INSITU
Health	SOCIAL MEDIA AND EDUCATION FOR CHILDREN WITH DIABETES	Indrė Čergelytė-Podgrušienė and Rita Vaičekauskaitė	ONLINE
Health	STUDENTS' THERMAL COMFORT IN THE CONTEXT OF GENDER AND BODY MASS INDEX	Marta Laska, Edyta Dudkiewicz, Natalia Fidorów-Kaprawy	ONLINE
Health	A COMPREHENSIVE REVIEW OF THE ROLE OF HOMOCYSTEINE IN INSULIN RESISTANCE	Renta Sanxhaku, Delina Xhafaj, Ditiła Doracaj, Edi Grabocka	ONLINE
Health	DIGITAL HEALTHCARE TRANSFORMATION: A SYSTEMATIC REVIEW OF ACADEMIC RESEARCH TRENDS (2010–2025)	Blerona Shala, Adelina Lahu, Kaltrina Azizi, Burim Behluli, Naime Brajshori, Petrit Beqiri	ONLINE
Health	MULTILEVEL DETERMINANTS OF CHILDHOOD OBESITY IN THE EUROPEAN REGION: AN EMPIRICAL ANALYSIS USING THE SOCIAL ECOLOGICAL MODEL	Marina Kyriacou, Petros Kosmas, and Hristo Andreev	ONLINE

Materials	IMPACT OF WASHED AND UNWASHED BEACH SAND ON GEOPOLYMER MORTARS	Salim El Badawi, Marianne Saba	INSITU
Materials	ADVANCED OXIDATION PROCESS FOR THE DEGRADATION OF ACID VIOLET 109 FROM AQUEOUS SOLUTION: INFLUENCE OF THE QUANTITY OF THE CATALYST	Ana Dajić, Marina Mihajlović	ONLINE
Materials	BIOPHILOSOPHY: FROM THE CONCEPT OF LIFE TO GENETIC ENGINEERING	Dalia Marija Stančienė	INSITU
Materials	LANDFILL GAS TO ENERGY POTENTIAL FOR REGIONAL LANDFILLS IN SERBIA	Marina Mihajlović, Ana Dajić	ONLINE
Materials	ENVIRONMENTAL EVALUATION OF GEOPOLYMER BRICKS CONTAINING PHASE CHANGE MATERIALS	Nour Shreif, Marianne Saba, Nicolas Youssef	ONLINE
Materials	INFILTRATION SIMULATION MODEL TESTING, FOR SILTY SOIL WATER AFTER HORTONIAN INCIDENT AND SETTLEMENT PROCESS	Stephanos D.V. Giakoumatos, Christina Siontorou and Dimitrios Sidiras	ONLINE
Pollution-Land-Erosion	INVESTIGATION OF CO2 EMISSIONS RELATED TO THE 3D-PRINTING OF POLYMERIC MATERIALS	George Skotidas, Nikoleta Chatzidai, Dimitrios Karalekas	INSITU
Pollution-Land-Erosion	SPATIOTEMPORAL MONITORING OF PARTICULATE MATTER IN AMMAN WITH LOW-COST SENSOR NETWORK	Khaled Hazaymeh, Muheeb Awawdeh, Murad Al-Jarrah	INSITU
Pollution-Land-Erosion	BIOMASS AND COMBUSTION IN THE SCIENTIFIC LITERATURE	Eleftheria Koutroumani, Maria Makrygianni, Niki Matsouki, and Efthimios Zervas	INSITU
Pollution-Land-Erosion	MODELLING THE COASTAL FECAL BACTERIA CONTAMINATION IN EASTERN MEDITERRANEAN REGION: LEBANON AS A CASE STUDY	Ekaterini Hadjisolomou, Abed El Rahman Hassoun, Milad Fakhri Abeer Ghanem, Roula Mina, Michalis Michaelides, Herodotos Herodotou	INSITU
Pollution-Land-Erosion	THE IMPORTANCE OF IDENTIFYING DUST SOURCES IN URBAN AREAS: HYSPLIT ANALYSIS AND PM2.5 MEASUREMENTS	Premti Dhurata	ONLINE
Pollution-Land-Erosion	MICROBIOLOGICAL CONTAMINATION OF COASTAL WATER WITH A FOCUS ON THE PINEIOS DELTA IN GREECE, NEW RESULTS	Konstantinos Kakavas, Marina Lampronikou	ONLINE
Socio-economic aspects and education	INVESTIGATING ENVIRONMENTAL EDUCATION OF EMPLOYEES IN THE MARITIME INDUSTRY: THE ROLE OF EMPLOYEE GREEN TRAINING FOR SUSTAINABILITY IMPROVEMENT	Maria Karakasnaki, Angelos Pantouvakis, Anastasia Gerou and Christos Patsiouras	INSITU
Socio-economic aspects and education	THE LAST DECADE OF CONTINGENT VALUATION IN GREECE: METHODOLOGICAL TRENDS AND ENVIRONMENTAL VALUATION INSIGHTS	Vassilis Dimopoulos, Evangelos Koumanakos	ONLINE
Socio-economic aspects and education	MANAGEMENT AND LEADERSHIP IN DIVERSE TEAM. ASSESSMENT OF EMPLOYEES IN GENERATION PERSPECTIVE	Monika Budnik	ONLINE

Socio-economic aspects and education	GAMIFYING ENVIRONMENTAL EDUCATION: A CASE STUDY IN PROFESSIONAL ENGLISH FOR TOURISM AT YEREVAN STATE UNIVERSITY	Lusine Sargsyan, Irina Mkhitaryan	ONLINE
Socio-economic aspects and education	LEVERAGING 3D VIRTUAL WORLDS FOR ENVIRONMENTAL EDUCATION THROUGH SERIOUS GAMING	Dimosthenis Minas, Panagiotis Vrettis, Michalis Xenos	ONLINE
Socio-economic aspects and education	QUALITY OF LIFE IN MOTHERS WITH POSTPARTUM DEPRESSION	Kaltrina Azizi Sadiku, Burim Behluli, Adelina Lahu, Naime Brajshori, Petrit Beqiri, Fjolle Gashi	ONLINE
Energy	MATHEMATICAL ASPECTS OF THE OPTIMAL BALANCE OF RENEWABLE AND NON-RENEWABLE ENERGY RESOURCES IN ENERGY-INTENSIVE TECHNOLOGY SOLUTION	Uldis Zaimis	INSITU
Energy	MODERNIZATION OF HIGHER EDUCATION IN WESTERN BALKAN COUNTRIES BY INCORPORATING RENEWABLE ENERGY ENGINEERING AND ENERGY EFFICIENCY METHODOLOGIES IN CURRICULA RELATING TO THE BUILDING SECTOR	Anastasi Natia, Evanthia Dova, Juan J. Hernandez, Amparo Pazo, Luca Cioccolanti, Moglie Moglie, Flora Krasniqi, Klodjan Xhexhi, Diana Biba, Otjela Lubonja, Hasimin Keçi, Jelisaveta Marjanovic, Afete Musliu, Armend Berisha, Rrezart Dema	INSITU
Energy	HYBRID RENEWABLE ENERGY SYSTEM FOR GREEN ENVIRONMENT	Salloom A. Al-Juboori, Bushra Kh. Mezher	ONLINE
Energy	CONVERTING CO ₂ EMISSIONS INTO FUEL: A REVOLUTIONARY AND SUSTAINABLE CARBON RECYCLING APPROACH	Makram El Bachawati, Marc Chehab, Mary Wakim, Razan Chami	ONLINE
Energy	BREWING BIOFUEL FROM COFFEE WASTE: PRODUCTION AND GC-MS/MS CHARACTERIZATION	Elissavet Emmanouilidou, Tamari Kikalishvili, Eva Triantafyllidou Anastasia Lazaridou, Sophia Mitkidou, Nikolaos C. Kokkinos	ONLINE
Energy	ENVIRONMENTAL IMPACT OF RENEWABLE ENERGY: ASSESSING WATER AND AIR POLLUTION – A REVIEW OF RECENT ADVANCES	Heba Albazen	ONLINE
Sustainability	INTEGRATING URBAN AGRICULTURE IN PUBLIC SPACES: A MULTI-SCALE APPROACH TO CLIMATE RESILIENCE	Farah Lyna Chaib, Claudia De Biase, Caterina Frettoloso, Zomorrouda Redouane	INSITU
Sustainability	BUILDING SUSTAINABILITY FROM BELOW: GRASSROOTS RESPONSES TO GLOBAL CHALLENGES IN MONOTOWNS	Kateryna Didenko	INSITU
Sustainability	The PERCH INITIATIVE: A MODEL FOR TRANSDISCIPLINARY EDUCATION AT THE NEXUS OF CREATIVE EXPRESSION, MENTAL HEALTH ADVOCACY, AND ENVIRONMENTAL SUSTAINABILITY	Jeanne Criscola, Peggy Bloomer, Jayanthi Kandiah	INSITU
Sustainability	MANAGEMENT OF EMPTY PLASTIC PESTICIDE CONTAINERS: THE CASE OF EDESSA MUNICIPALITY, GREECE.	Symeon Marnasidis, Ilias Kesisoglou, Alessio Campitelli, Efsthia Verikouki	ONLINE

Sustainability	TAILING CRITICAL PATHS FOR INTEGRATING FARMING INSECT BIOMASS TO AGRIBUSINESS ENTITIES	Stephanos D.V. Giakoumatos, Giannis Tsoulfas	ONLINE
Sustainability	SPATIAL ANALYSIS OF LANDSCAPE DIVERSITY	Şahin Şukran	ONLINE
Transportation	RESHAPING URBAN STREETS FOR THE 21ST CENTURY CHALLENGES: ENVIRONMENTAL DIRECTION	Fotini Kehagia, Apostolos Anagnostopoulos	INSITU
Transportation	PROMOTING SAFE, ACTIVE MOBILITY FOR CHILDREN THROUGH COMMUNITY-BASED INTERVENTIONS IN GREECE, ITALY, AND TÜRKİYE: THE WALKINGBUS PROJECT APPROACH	Dimitrios Nalmpantis, Evangelia Beli, Iason Tamiakis, Giancarlo Masi, Maria-Grazia Pirina, Roberto Solinas, Elif Kayhan, Esra Erdem, Ersel Aydın, Eleni Anoyrkati, Nefeli Dimitriadi	ONLINE
Transportation	OPTIMIZATION OF LAST-MILE DELIVERY (LMD) IN RURAL AREAS WITH THE USE OF CONJOINT ANALYSIS AND MARKET SIMULATION	Apostolos Prifti, Georgios Palantzas, Georgios Aretoulis, Dimitrios Nalmpantis	ONLINE
Transportation	Air Quality Improvements through Sustainable Transport Policies in Eastern Europe	Sara Kuss, Emilia Nowak	ONLINE

PROGRAM - Posters

Chair: E. Zervas

No	Title	Authors
1	TOXICOLOGICAL AND PHYSICAL CHARACTERIZATION OF DIESEL PARTICLE FILTER REGENERATION EMISSIONS USING A LUNG CELL MODEL	Georgios Tsakonas
2	HEATERNAL: ENVIRONMENTAL BENEFITS OF INDUSTRIAL WASTE HEAT RECOVERY IN REDUCING NATURAL GAS CONSUMPTION	Ignacio Zurano, Patricia Monzo, Isaac Herraiz, Angel Serrano, Artem Nikulin, C. Luengo, Elena Palomo Del Barrio, Laura Teodorescu, Gregory Largiller, Bertrand Hiot
3	ENERGY POVERTY IN GREECE. APPLICATION TO THESSALONIKI	Zoe Iliopoulou, Areti Tseliou, Zoe Gareiou, Ioannis Mandalas, Efthimios Zervas
4	THE EKC HYPOTHESIS IN EU27 BASED UPON MEDIAN INCOME	Dimitra Kaika
5	ENVIRONMENTAL KUZNETS CURVE IN MILITARY TERMS IN NATO AND BRICS+	Ioannis Mandalas, Efthimios Zervas
6	PFAS POLLUTION: CHALLENGES, RISKS, AND REGULATORY STRATEGIES FOR A SAFER FUTURE	Paraskevi Kalofiri
7	THE INFLUENCE OF TEMPERATURE HUMIDITY AND DENSITY CHANGES ON THE THERMAL CONDUCTIVITY COEFFICIENT OF THERMAL INSULATION MATERIALS	Theodora Tserpe, Karolos Kontoleon
8	DEVELOPMENT AND APPLICATION OF AN API FOR THE GLEC FRAMEWORK AND ISO 14083 WITH MODELLED ROAD TRANSPORT EMISSIONS	Michail Perdikopoulos, Georgios Livitsanos, Thomas Ppageorgiou, Giorgos Mellios, Leonidas Ntziachristos
9	DETERMINATION OF INORGANIC ANIONS AND CATIONS IN WATERS WITH AN ION CHROMATOGRAPHY METHOD	George Papageorgiou, Spyridoula Pattakou, Ioanna Thoma
10	FLAXSEED EXTRACT PROMOTES HUMAN OSTEOBLAST-LIKE CELL PROLIFERATION IN BONE WOUND-HEALING MODEL (IN-VITRO)	Sama Shaban, Khairani Mokhtar, Basma , Solachuddin Ichwan
11	SUBSCRIPTION ECONOMY AS A TOOL FOR PROMOTING SUSTAINABLE CONSUMPTION IN POLAND	Justyna Ziobrowska-Sztuczka, Ewa Markiewicz

12	POLICY LAB: INTEGRATING IMMERSIVE VISUALIZATION AND DYNAMIC SIMULATION FOR CLIMATE POLICY INNOVATION	Alexandre Mabilie
13	STUDY ON THE PHYSIOLOGY OF TOMATO QUALITY CHARACTERISTICS	Razvan Cotianu, Mihaela Pirvulescu
14	STUDY ON THE QUALITY OF APPLE PRODUCTION DEPENDING ON THE SOIL MAINTENANCE SYSTEM	Alina Maria Poparlan, Razvan Daniel Cotianu
15	THE INFLUENCE OF SOIL MAINTENANCE SYSTEMS ON WEED INCIDENCE IN CURRANT PLANTATIONS	Maria Marinela, Catalin Viorel, Mihai Gîdea
16	THE 'DO NO SIGNIFICANT HARM (DNSH) PRINCIPLE IN THE EUROPEAN TAXONOMY REGULATION. ITS PRACTICAL INTEGRATION AND APPLICATION IN THE IMPLEMENTATION OF FINANCED PROJECTS. CHALLENGES AND PROSPECTS'	N. Papadakis, Efi Drimili, Efthimios Zervas
17	VIEWS AND ATTITUDES OF ATHENS RESIDENTS TOWARD RENEWABLE ENERGY SOURCES (RES)	M. Papadeodosiou, E. Drimili, E. Zervas
18	TEMPORAL EVOLUTION OF HEATING DEGREE DAYS AND COMPARISON WITH ENERGY USE IN EU COUNTRIES	Sonia Tzotzi, Christina Skandali, Zoe Gareiou, Efthimios Zervas
19	FACTORS AFFECTING ACCEPTANCE AND USE OF ELECTRIC VEHICLES	Sofia Kelesisi, Zoe Gareiou, Areti Tseliou, E.Zervas
20	REPORTED EMISSIONS OF WATERPIPE TOBACCO PRODUCTS	M. Makrygianni, E. Koutroumani, Ch. Kotsani, N. Matsouki, C. Tsipa, A. Tseliou, Z. Gareiou, E. Zervas
21	URBAN PLANNING AND QUALITY OF LIFE: EXPLORING THE CONNECTION BETWEEN THE BUILDING ENVIRONMENT AND THE RESIDENTS' WELL-BEING IN MEDITERRANEAN CLIMATE ISLANDS	Alexandra Rigga, Areti Tseliou, Sofia Giannarou
22	BUILT TO MOVE: SCHOOL ENVIRONMENTS PROMOTING PHYSICAL ACTIVITY AND OBESITY PREVENTION	S. Giannarou, E. Zervas
23	ENERGY CONSERVATION BEHAVIORS IN GREEK URBAN DISTRICTS: INVESTIGATING PRACTICES TO REDUCE ENERGY CONSUMPTION IN HIGH-DENSITY AREAS	A. Kipourou, S. Giannarou, E. Zervas

24	REPORTED COMPOUNDS IN E-CIGARETTE LIQUIDS: A 2010–2025 BIBLIOMETRIC REVIEW	Eleutheria Koutroumani, Niki Matsouki, Maria Makrygianni, Chara Tsipa, Areti Tseliou, Zoe Gareiou, Efthimios Zervas
25	THE LONG-TERM VALUE OF URBAN GREEN SPACES FOR THE SOCIETY: AN ANALYSIS OF ENVIRONMENTAL, SOCIAL AND ECONOMIC DIMENSIONS	Loukia Foti, Sofia Giannarou

GUIDELINES

Guidelines for the Papers Presenters

Each presentation lasts 15', including the questions. There is no specific template for the presentation, you can freely use your format. Please prepare your presentation (both ppt(x) and pdf) and send it to iced@eap.gr before the beginning of the session, preferably 2-3 days before the Conference. The name of the file should be ICED2023_Section Acronym_1st author name.ppt(x)/pdf.

For the online presenters, please check your connection, micro and camera before the beginning of the Conference.

Please describe yourself and/or the team in 3-4 lines in the second page of your presentation, after the title of your work, trying not to spend much time on that.

Guidelines for the Posters Presenters

Each presentation lasts 1-2'. There is no specific presentation, your poster will be shown to the audience on a screen. Please use a horizontal layout. For the online presenters, please check your connection, micro and camera before the Conference.

Guidelines for the Chairs

Please regulate the time of the presentation and also the questions of the audience. The questions can be after each presentation or, preferably, all together at the end of the session. Please pay attention on the total duration of the session. Please mute the micros of the online audience and deactivate their videos in case of low bandwidth.

Guidelines for the Online Audience

To avoid sound problems, please keep you micro muted during the presentations and unmute it only if you ask a question. To avoid connection problems in case of low bandwidth, please keep your camera off and activate it only if you ask a question. Please check your connection, micro and camera before the Conference. Also, please use Latin characters for your name.

Guidelines for the Online Connection

Please connect using the links provides and the passwords if necessary. In case of problem, please send an email to iced@eap.gr. In the unlucky case of a more general problem, guidelines will be uploaded to <https://iced.eap.gr/program>.

CODE OF CONDUCT

The 6th International Conference on Environmental Design and Health (ICED) is a platform for facilitating the dialogue and exchange of information between the different stakeholders. By organizing this Conference, we want to ensure everyone will enjoy the event. Therefore, by registering for and attending ICED2025 we all agreed to follow the code of conduct.

We will respect everyone regardless of age, race, religion, ethnicity, sexual orientation, gender identity, gender expression, marital status, nationality, political affiliation, health, caring responsibilities, physical appearance, disability or educational background. Furthermore, we will also avoid language and behavior which reinforces discrimination or repression based on any of these attributes.

We will refrain from any form of discrimination, harassment or retaliation. This can include intimidating behavior or language, inappropriate jokes or comments, unwanted attention, stalking or displaying offensive images.

If you feel unhappy or uncomfortable with the conduct of others at ICED2025, please contact any of the organizers. Your comments will be taken seriously and acted upon in confidence. If you do not treat others with the respect and tolerance that we all deserve, you may be asked to leave the conference venue.

GENERAL INFORMATION

Currency

The currency in Greece is the Euro (€).

Credit cards and cash

Most common international credit cards (Visa, Mastercard) are accepted in most stores, hotels and services. Debit cards are also accepted. Cash can be withdrawn from ATM machines.

Tipping

Tipping in Greece is voluntary.

Drinking water

The tap water in Greece is of the highest quality and can be consumed without any concern. In case of doubt, you can easily use bottled water.

Electricity

Voltage in Greece is 230 volts at the frequency of 50 Hertz. Greece has standardized on type F sockets and plugs.

Tourist information – Visit Heraklion

Please visit <https://www.heraklion.gr/en>. For more information about Greece, please visit <https://www.visitgreece.gr/>

The national emergency number 112

In Greece, emergency number of for the police, the ambulance, as well as the fireman are all in the one unique 112 emergency number. You should only use this number for real emergencies.

For any other queries, please contact a local hospital or health centre. For medical emergency service please dial 166, for Hellenic Fire Service please dial 199 and for Hellenic Police please dial 100.

OTHER CONFERENCE INFORMATION**Publication of the papers**

The papers indexed in Scopus will be published 60-90 days after the conference. Those presented and not indexed in Scopus will be uploaded a few days after the Conference on the ICED2025 Website.

Liabilities

The conference organisers are not responsible for any loss and / or damage to personal belongings during the Conference period. Please do not leave your personal items in the Conference rooms.

Certificate of attendance

The Certificate of Attendance will be sent electronically to the attendees a few days after the conference.