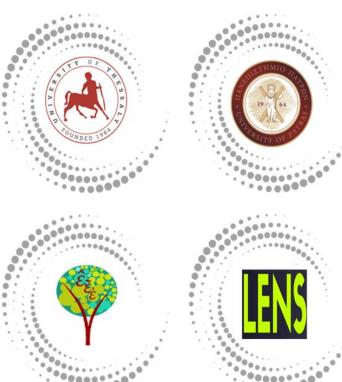
# #ENVECON11





### 11th ENVECON Conference 31 October – 01 November 2025 | HYBRID



Main issues that concern the Economics of Natural Resources and the Environment.

#### AIM

Highlight the interdisciplinary nature of environmental research through the exchange of views and experiences of researchers from different scientific fields and the finding of common components of research approaches.

#### Co-Organized by

Laboratory of Operations Research, UTH Laboratory of Economics of Strategy, Innovation and Sustainability (LENS), UoP











#### **Conference Organization**



Laboratory of Operations Research

Department of Economics | University of Thessaly



Laboratory of Economics of Strategy, Innovation and Sustainability

Department of Economics | University of Patras

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Economics Natural Resources & the Environment

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# Scientific & Organizing Committees







#### **Scientific Coordinator of ENVECON Conference**

George Halkos, Professor, University of Thessaly

#### Co-coordinators for the 11th ENVECON Conference

Kounetas Kostas, Professor, University of Patras Tsekouras Kostas, Professor, University of Patras Chatzistamoulou Nikolaos, Assistant Professor, University of Patras

Scientific Committee

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	Kinzig Ann, Professor, Arizona State University
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	Managi Shunsuke, Professor, Kyushu University
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#### **Scientific Committee**

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	Yannacopoulos Athanasios, Professor, Athens University of Economics and Business
	Zerefos Christos, Professor, President elect of the International Ozone Commission (IO3C) of IAMAS of ICSU
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### **Keynote Speakers**

Environmental policies and innovation: theory, methods, empirical evidence

Prof. Massimiliano Mazzanti

Full Professor of Economic Policy
University of Ferrara, Italy



Sustainable societal well-being as an overarching target for energy and climate policies

**Prof. Ugur Soytas** 

Professor & Head of the Climate Economics and Risk Management Section

Technical University of Denmark, Denmark



Green (Energy) Transition and Inequality

Prof. Tooraj Jamasb

Endowed Professor of Energy Economics Director for Copenhagen School of Energy Infrastructure (CSEI)

Copenhagen Business School, Denmark



Sustainability of Public Social Spending in Greece, 1995-2023

**Prof. John Yfantopoulos** 

Professor of Health Economics & Management

National and Kapodistrian University of Athens, Greece









# **Concise Conference Programme**

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Greek Time	Sessions – Topics
	Day 1 – Friday 31/10/2025
09:30 -10:00	Opening – Welcome
10:00-12:00	Session 1: Energy: Poverty, Deprivation & Mix in transition
	Chairperson: Professor Konstantinos Kounetas
10:00-12:00	Session 2: Climate Change Adaptation: Land Use, Forest & Agriculture
	Chairperson: Assoc. Professor Konstantinos Papaspyropoulos
12:00-12:15	Coffee Break
12:15 -13:00	Keynote Speaker: Professor Massimiliano Mazzanti
13:00-13:30	Lunch
13:30-15:15	Session 3: Climate Change: Natural Disasters & Environmental Hazards
	Chairperson: Director Dr Jaime Moll de Alba
13:30-15:15	Session 4: Nature-based Solutions, Innovation & Resilience
	Chairperson: Professor Konstantinos Tsekouras
15:15- 15:30	Coffee Break
15:30-17:15	Session 5: Circular Economy: Water & Waste Management
	Chairperson: Professor George Halkos
15:30-17:15	Session 6: Digitization in Sustainable Tourism
	Chairperson: Professor Zacharoula Andreopoulou
17:15-17:30	Coffee Break
17:30-19:30	Session 7: Environmental Pollution: Urban, Health & Industrial Dimensions
	Chairperson: Professor Christos Kitsos
19:30-20:15	Keynote Speaker: Professor Ugur Soytas
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	Day 2 – Saturday 01/11/2025
10:00-11:30	Session 8: Novelties in Environmental Valuation under Uncertainty
	Chairperson: Asst. Professor Nikolaos Chatzistamoulou
11:30-11:45	Coffee Break
11:45-12:30	Keynote Speaker: Professor Tooraj Jamasb
12:30-13:30	Lunch
13:30-15:00	Session 9: Climate Anxiety & Ecological Awareness
	Chairperson: Assoc. Professor Athina Economou
15:00-16:30	Session 10: Sustainable Development: Degrowth & Inclusive Wealth
	Chairperson: Professor George Halkos
16:30-16:45	Coffee Break
16:45-17:30	Keynote Speaker: Professor John Yfantopoulos
17:30-19:15	Session 11: CSR - ESG
	Chairperson: Professor Konstantinos Evangelinos
19:15-19:30	Closing Remarks of the 11th ENVECON Conference
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## **Conference Schedule**







# Friday 31 October

#### Opening - Welcome - Room 01

09:30-10:00

- o Prof. *George Halkos*, ENVECON Conference Scientific Coordinator, Department of Economics, UTH
- o Prof. Chrysi Laspidou, Department of Civil Engineering, Vice Rector of UTH
- o Prof. *Ilias Kevork*, Head of Department of Economics, UTH
- o Prof. *Ioannis Venetis*, Department of Economics, Vice Rector of UoP
- o Prof. Nikolaos Giannakopoulos, Head of Department of Economics, UoP
- Prof. Konstantinos Kounetas, Department of Economics, Dean of Economics and Business Administration School, UoP
- o Prof. Konstantinos Tsekouras, Department of Economics, UoP

#### 1st Session - Room 01

10:00-12:00

Topic	Energy: Poverty, Deprivation & Mix in transition
Chairperson 10:00-10:20	Prof. Konstantinos Kounetas  Rebound effect-A Sisyphean effort or a Chimera? Evidence from transient, persistent and energy efficiency in European Industries  Eirini Stergiou, Nikos Rigas, Giancarlo Ferrara & Konstantinos Kounetas
10:20-10:40	Energy Developments and Military Expenditure in the Eastern Mediterranean George E. Halkos & Vasileios Avramopoulos
10:40-11:00	Energy Poverty, Health, and Child Malnutrition: Panel Evidence from Southeast Asia Nguyet T.M. Tran & Trung Thanh Nguyen
11:00-11:20	The Energy Mix in Transition: A Dynamic Approach to the Shift from Non- Renewable to Renewable Sources under Climate Change Constraints George E. Halkos & Argyro Zisiadou
11:20-11:40	Uncovering Clean Energy Deprivation in Bhutan: A Multidimensional Analysis of Household Clean Energy Use Rinzin Dema, Viet-Ngu Hoang & Clevo Wilson

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#### 2<sup>nd</sup> Session – Room 02

10:00-12:00

Topic	Climate Change Adaptation: Land Use, Forest & Agriculture
Chairperson	Assoc. Prof. Konstantinos Papaspyropoulos
10:00-10:20	STREMMiAA: A Farm-Level Simulation Model for Assessing Structural Change,
	Land-Use, and Environmental Dynamics Stamatis Mantziaris
10:20-10:40	Economic Valuation and Determinants of Residents' Willingness to Pay for Conservation in the Dadia–Lefkimi–Soufli Forest National Park  Aggelos Symeonidis, Chrysovalantis Malesios, Eleni Zafeiriou, Spyridon  Galatsidas, Konstantinos Panytsidis & Garyfallos Arabatzis
10:40-11:00	How Climate Change is Addressed in the Faustmann Forest Economics Model: A brief review Sofia Mpekiri & Konstantinos G. Papaspyropoulos
11:00-11:20	Quantile estimation of CO <sub>2</sub> marginal abatement cost under heterogeneous emission-generating technologies <u>Haleh Delnava &amp; Sheng Dai</u>
11:20-11:40	Sustainable Practices and Climate Change Adaptation in Olive Farming: Insights from Producers in Aetolia—Acarnania, Greece Vassiliki Psilou, Eleni Zafeiriou, Chrysovalantou Antonopoulou, Christos Chatzissavvidis & Garyfallos Arabatzis

Coffee Break 12:00-12:15

**Keynote Speaker - Room 01** 

12:15-13:00

Topic: "Environmental policies and innovation: theory, methods, empirical evidence"

Prof. Massimiliano Mazzanti

Full Professor of Economic Policy University of Ferrara, Italy

Lunch Break 13:00-13:30







#### 3<sup>rd</sup> Session – Room 01

13:30-15:15

Topic	Climate Change: Natural Disasters & Environmental Hazards
Chairperson	Director Dr Jaime Moll de Alba
13:30-13:50 13:50-14:10	Climate Change, Natural Disasters, and Growth Dynamics in Latin America: A Panel Data Analysis  Dimitrios Papadas, Eleni Sardianou, George E. Halkos & Ioannis Kostakis  Sense-Making and Resilience Perspectives of Austrian Micro and Small Enterprises Towards Flooding: A Qualitative Study  Tabea Böhler & Antonis Skouloudis
14:10-14:30	Extreme weather and individual preferences in rural Thailand and Vietnam Tri-Anh Duc Nguyen, Gokul P. Paudel & Trung Thanh Nguyen
14:30-14:50	(C)yber (D)igital (R)isks: Revising the Framework Modern Threats Landscape for Environmental Hazards Argyro Zisiadou, Apostolos Xenakis & George E. Halkos

#### 4th Session – Room 02

13:30-15:15

Topic	Nature-based Solutions, Innovation & Resilience
Chairperson	Prof. Konstantinos Tsekouras
13:30-13:50	EUNICoast
13:50-14:10	Sustaining Environmental Resilience: A Stackelberg Game George E. Halkos & George J. Papageorgiou
14:10-14:30	Eco-process innovation: a "win win" situation or "when you have lemons make lemonade"? The moderating role of marketing innovation  Areti Gkypali, George Koutsouradis & Kostas Tsekouras
14:30-14:50	Conceptualizing the Symbiosis Maturity for Nature-based Solutions:  A SWOT-driven framework across technical, environmental, management and institutional domains  Dimitris Kofinas, Evmorfia Bataka, Nikos Kokosis, Argyro Zisiadou, Panagiotis-Stavros C. Aslanidis, George E. Halkos & Chrysi Laspidou

**Coffee Break** 15:15-15:30







5<sup>th</sup> Session – Room 01 15:30-17:15

Topic	Circular Economy: Water & Waste Management
Chairperson	Prof. George Halkos
15:30-15:50	Water management practices in Ancient Greece
	Emmanouil M.L. Economou & George E. Halkos
15:50-16:10	Join the dots: A rapid temporal appraisal
	of the bioeconomy in NUTS II regions in Greece
	Georgios Maroulis, Panagiotis Koronaios & Panagiotis Kalimeris
16:10-16:30	Knowledge, aspects and habits of the residents of Zakynthos, regarding solid waste recycling in the island
	Stylianos-Marinos Charalampidis
16:30-16:50	Toward sustainable Waste for Electrical and Engineering Equipment indicators: Addressing missing values with Coverage mapping, Imputation and Validation Christos Liotiris & Zacharoula Andreopoulou

#### 6<sup>th</sup> Session – Room 02 15:30-17:15

Topic	Digitization in Sustainable Tourism
Chairperson	Prof. Zacharoula Andreopoulou
15:30-15:50	The Digitization of Archaeological Museums
	as a tool for Sustainable Tourism and Local Development:
	Evidence from Central Macedonia Greece
	Konstadina Bataoula & Zacharoula Andreopoulou
15:50-16:10	Integrating multi-source data and visualization of heterogeneous time-series for lakes:  NDWI surface, ERA5 precipitation, level and fishery production  Lavrentis Konstantinidis, Zacharoula Andreopoulou
16:10-16:30	Sustainability in Tourism in Greece using e-tourism: the case of Ecohotels and Expedia online platforms in e-Reputation  Ioannis Papathanasiou & Zacharoula Andreopoulou
16:30-16:50	The Significance of Photography and Video User Generated and Shared Content in Mountainous Sustainable Tourism:  The Case of Mount Olympus National Park  Argyrios Georgilas & Zacharoula Andreopoulou







Coffee Break 17:15-17:30

7<sup>th</sup> Session – Room 01

17:30-19:30

Topic	Environmental Pollution: Urban, Health & Industrial Dimensions
Chairperson	Prof. Christos Kitsos
17:30-17:50	Stairways to Heaven for European Industries: Multi-driving paths for CO <sub>2</sub> emissions generation Eirini Stergiou & Konstantinos Kounetas
17:50-18:10	Regulation schemes for pollutants.  Multiple steady states and pollution traps.  George E. Halkos & George J. Papageorgiou
18:10-18:30	Urban centers, Traffic, Atmospheric Pollution and Associated Health Risks: Evidence from Africa  Bertrand Tchanche
18:30-18:50	A Marxist analysis of the Relation Between CO <sub>2</sub> Emissions Growth and Sectoral Profitability Theofanis Papageorgiou & Yorgos Pisinas
18:50-19:10	The Pollution levels in Athens and Salonica: An Environmental Analysis Approach George E. Halkos, Christos Kitsos & Simeon Nisiotis

#### **Keynote Speaker - Room 01**

19:30-20:15

Topic: "Sustainable societal well-being as an overarching target for energy and climate policies"

#### **Prof. Ugur Soytas**

Professor & Head of the Climate Economics and Risk Management Section Technical University of Denmark, Denmark

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### Saturday 01 November

8<sup>th</sup> Session – Room 01 10:00-11:30

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Topic	Novelties in Environmental Valuation under Uncertainty
Chairperson	Asst. Prof. Nikolaos Chatzistamoulou
10:00-10:20	Environmental Uncertainty Effects on Money Investments: Strengthening or Weakening Resilience to Inflation? Panayiotis Theodossiou, Nikolaos A. Kyriazis & Konstantinos A. Dimitriadis
10:20-10:40	Reinstatement of Rail Transport Between Strymon and Alexandroupolis  – an Environmental, Financial, and Economic Evaluation <u>Konstantinos Christidis</u>
10:40-11:00	Digital Self-Assessment of Accommodation Vulnerability to Climate Change Using Artificial Intelligence Tools Panagiotis Vouros, Akrivi Vagena, Eva Vaiouli, Konstantinos Evangelinos
11:00-11:20	Impact of Artificial Intelligence Implementation on Sustainability in Colombo's Business Process Outsourcing Sector in Sri Lanka S.J.Francis & N. Wijesena

Coffee Break 11:30-11:45

**Keynote Speaker - Room 01** 

11:45-12:30

Green (Energy) Transition and Inequality

Prof. Tooraj Jamasb

Endowed Professor of Energy Economics

Director for Copenhagen School of Energy Infrastructure (CSEI)

Copenhagen Business School, Denmark

Lunch 12:30-13:30









#### 9<sup>th</sup> Session – Room 01

13:30-15:00

Topic	Climate Anxiety & Ecological Awareness	
Chairperson	Assoc. Prof. Athina Economou	
13:30-13:50	The influence of motivational goal frames and coping strategies on climate anxiety  Anastasia Gkargkavouzi & George E. Halkos	
13:50-14:10	The Role of Environmental Education in Promoting Sustainable Development and Ecological Awareness: An Economic & Social Approach Christos Chatzifotiadis, Efstathios Loupas, Ifigeneia Chatzinikolaou & Konstantinos Mantzios	
14:10-14:30	The Contribution of the Psychology of Religion to the Formation of Ecological Consciousness  Georgios Fountoulakis	
14:30-14:50	Socioeconomic status and pro-environmental behaviours in the EU  Athina Economou & George E. Halkos	

#### 10<sup>th</sup> Session – Room 01

15:00-16:30

Topic	Sustainable Development: Degrowth & Inclusive Wealth	
Chairperson	Prof. George Halkos	
15:00-15:20	The role of institutional and socio-economic factors in shaping environmental performance: A cross-country analysis in fluctuating times Jawahir M. Alshehhi & Panagiotis D. Zervopoulos	
15:20-15:40	The Economic Geography of Inclusive Wealth:  Convergence Clubs Across Nations  George E. Halkos, Christina Bampatsou, Panagiotis – Stavros C. Aslanidis  & Shunsuke Managi	
15:40-16:00	Degrowth and Planetary Boundaries: Economic Dimensions of an Alternative Paradigm for Sustainable Transition  Angeliki Spyridoula Kalousi & Konstantinos G. Papaspyropoulos	
16:00-16:20	Transitional Dynamics and Policy Spillovers.  Are Market-Based Instruments and Technology Autarky Structural Drivers in the European Green Transition?  Nikos Chatzistamoulou, Andriana G. Dimakopoulou & Dimitris Smyrnakis	







**Coffee Break** 16:30-16:45

**Keynote Speaker – Room 01** 

16:45-17:30

Topic: "Sustainability of Public Social Spending in Greece, 1995-2023"

#### **Prof. John Yfantopoulos**

Professor of Health Economics & Management National and Kapodistrian University of Athens, Greece

11<sup>th</sup> Session – Room 01 17:30-19:15

Topic	Corporate Social Responsibility  – Environmental, Social and Corporate Governance	
Chairperson	Prof. Konstantinos Evangelinos	
17:30-17:50	The role of internal CSR as driver of sustainable innovation through intrapreneurship Panayiotis Jacovides, Constantinos Giagkinis & Constantinos Evangelinos	
17:50-18:10	Disability and Social Economy: Corporate Responsibility for Equal Employment Opportunities in NGOs Kristina Kucheruk & Konstantinos Evangelinos	
18:10-18:30	Embedding ESG in European Small-Medium Enterprises: The Role of Environmental Management Systems and International Standards Panagiotis – Stavros C. Aslanidis, Jaime Moll de Alba & George E. Halko	
18:30-18:50	Corporate Social Responsibility as a New Perspective for Tackling the Refugee Problem  Anna Samothraki & Konstantinos I. Evangelinos	

**Closing Remarks** 

19:15-19:30

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## **List of Participants**







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6	Avramopoulos Vasileios	University of Thessaly & Ministry of Defense
7	Bampatsou Christina	Democritus University of Thrace
8	Bataka Evmorfia	University of Thessaly
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23	Economou Emmanouil M.L.	University of Thessaly
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29	Georgilas Argyrios	Aristotle University of Thessaloniki
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31	Gkargkavouzi Anastasia	University of Thessaly
32	Gkypali Areti	Athens University of Economics and Business
33	Halkos George E.	University of Thessaly
34	Hoang Viet-Ngu	Queensland University of Technology, Australia
35	Jacovides Panayiotis	University of the Aegean
36	Jamasb Tooraj	Copenhagen Business School, Denmark







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40	Kofinas Dimitris	University of Thessaly
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60	Nguyen Trung Thanh	Leibniz University Hannover, Germany
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77	Stamatopoulos Theodoros V.	University of West Attica
78	Stergiou Eirini	University of Patras
79	Symeonidis Aggelos	Democritus University of Thrace
80	Tchanche Bertrand	Alioune Diop University, Senegal
81	Theodossiou Panayiotis	Ball State University, Indiana, USA
82	Tran Nguyet T.M.	Leibniz University Hannover, Germany
83	Tsekouras Kostas	University of Patras
84	Vagena Akrivi	University of the Aegean
85	Vaiouli Eva	University of the Aegean
86	Vouros Panagiotis	University of the Aegean
87	Wijesena N.	University of the West of Scotland, UK
88	Wilson Clevo	Queensland University of Technology, Australia
89	Xenakis Apostolos	University of Thessaly
90	Y fantopoulos John	National and Kapodistrian University of Athens
91	Zafeiriou Eleni	Democritus University of Thrace
92	Zervopoulos Panagiotis D.	University of Piraeus
93	Zisiadou Argyro	University of Thessaly







### **List of Institutions**







No	Institution	Department
1	Alioune Diop University, Senegal	Department of Physics
2	Aristotle University of	Interdepartmental Master's Program in Tourism
	Thessaloniki	and Local Development, School of Economics
3	Aristotle University of	Laboratory of Forestry Informatics, Department
	Thessaloniki	of Forestry and Natural Environment
4	Aristotle University of	Department of Forestry and Natural
	Thessaloniki	Environment
5	Aristotle University of	Laboratory of Forest Economics, School of
	Thessaloniki	Forestry and Natural Environment
6	Athens University of Economics	Department of Marketing and Communication,
	and Business	School of Business
7	Athens University of Economics	School of Business
-	and Business	271 17
8	Ball State University, Indiana, USA	Department of Finance and Insurance
9	Copenhagen Business School,	Copenhagen School of Energy Infrastructure
	Denmark	(CSEI)
10	Cyprus University of Technology,	Department of Finance, Accounting and
	Cyprus	Management
11	Democritus University of Thrace	Department of Production and Management
		Engineering
12	Democritus University of Thrace	Department of Turkish Language, Literature
		and Culture
13	Democritus University of Thrace	School of Engineering
14	Democritus University of Thrace	Department of Forestry and Management of the Environment and Natural Resources
15	Democritus University of Thrace	Department of Agricultural Development
16	Harokopio University of Athens	Department of Economics and Sustainable
		Development
17	Harper Adams University, UK	Harper Adams Business School
18	Hellenic Agricultural	Agricultural Economics Research Institute
	Organization-DIMITRA	(AGR.E.R.I.)
19	Hellenic Open University	School Applied Arts and Sustainable Design
20	Ionian University	Department of Environment, School of
		Environment
21	KDC Consulting and Engineering	
	P.C., Greece	
22	Kyushu University, Japan	Department of Civil Engineering
23	Kyushu University, Japan	Urban Institute
24	Leibniz University Hannover,	Institute for Environmental Economics and
2.5	Germany	World Trade
25	Leibniz University Hannover, Germany	School of Economics and Management
26	Ministry of Defense	2nd Attack Helicopter Battalion, Army Aviation







No	Institution	Department
27	National and Kapodistrian	MBA-University of Athens in Health
	University of Athens	Management
28	National and Kapodistrian	Faculty of Theology
	University of Athens	
29	National Cheng Kung University,	Institute of Manufacturing
	Taiwan	Information & System
30	National Institute of Statistics and	STATEC Research
	Economic Studies of	
	Luxembourg, Luxembourg	
31	Panteion University of Social and	Institute of Human Resources and Urban
	Political Sciences	Development, Department of Economic and
		Regional Development
32	Queensland University of	School of Economics and Finance
	Technology, Australia	
33	Technical University of Denmark,	Department of Technology, Management and
	Denmark	Economics
34	United Nations Industrial	Directorate of Strategic Planning, Programming
	Development Organization	and Policy; Division of Strategic Programming,
2.7	(UNIDO), Austria	Results Monitoring and Quality Assurance
35	University of Colombo, Sri Lanka	Department of Economics
36	University of Cyprus, Nicosia,	Economics Research Centre, Department of
27	Cyprus	Economics
37	University of Ferrara, Italy	Department of Economics and Management
38	University of Palermo, Italy	Department of Economics, Business and
20	II. '. CD.	Statistics
39	University of Patras	Laboratory of Economics of Strategy,
		Innovation and Sustainability (LENS),
40	Linivonsity of Datmas	Department of Economics
41	University of Patras University of Patras	Department of Business Administration
41	Oniversity of Patras	Department of Economics, School of Economics and Business
42	University of Piraeus	Department of Business Administration
43	University of Sharjah (UOS),	Department of Business Administration  Department of Management
43	United Arab Emirates	Department of Management
44	University of the Aegean	Department of Sociology, School of Social
77	Oniversity of the Aegean	Sciences
45	University of the Aegean	Department of Environment
46	University of the Aegean	Department of Geography, School of Social
	-	Sciences
47	University of the Aegean	Department of Statistics and Actuarial-Financial
4.0	77	Mathematics, School of Sciences
48	University of the West of	
	Scotland, UK	







	Institution	Department
49	University of Thessaly	Laboratory of Operations Research, Department
		of Economics
50	University of Thessaly	Department of Accounting and Finance
51	University of Thessaly	Department of Economics
52	University of Thessaly	1Next Generation Digital Systems Applications
		Laboratory, Department of Digital Systems
53	University of Thessaly	Civil Engineering Department
54	University of West Attica	Accounting and Finance Department of the
		School of Administrative, Economics and
		Social Science
55	University of West Attica	Department of Informatics
56	University of Western Macedonia	Department of Management Technology
57	Vorarlberg University of Applied	Research Centre for Business Informatics
	Sciences, Dornbirn, Austria	
58	Zhongnan University of	School of Economics
	Economics and Law,	
	Wuhan, China	







### **The Scientific & Organizing Committees**



#### **Co-organized by:**

**Laboratory of Operations Research** 

**Department of Economics University of Thessaly** 





Laboratory of Economics of Strategy, Innovation & Sustainability (LENS) Department of Economics University of Patras





