



**1<sup>st</sup> International Workshop on  
Applied Economics and  
Sustainability  
Athens, Greece 11-12 April 2025**

## Organised by

**Department of Economics and Sustainable  
Development**

*and*

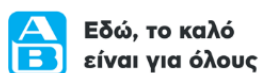
**Postgraduate Programme "Sustainable  
Development",**

**Harokopio University of Athens**

## under the Sponsorship of

The logo for elpedison, with 'elp' in blue and 'edison' in green, set against a white background with a subtle drop shadow.

*Gold Sponsor*



*Sponsors*

## Supporting Partner



## INTRODUCTION

The Workshop is organized by the Department of Economics and Sustainable Development and Postgraduate Programme "Sustainable Development" of the Harokopio University of Athens, with the cooperation of the INFER and the sponsorship of Elpedison (Gold sponsor), YourTaxnet -Accounting and tax services, Olympic Athletic Center of Athens, AB Vassilopoulos and Web Services.

## OBJECTIVES

This Workshop focuses on applied economics and sustainability issues. It brings together researchers, practitioners, and policymakers to present empirical and theoretical insights on applied economics and sustainable development strategies. The discussions will emphasize practical applications, policy implications, and interdisciplinary approaches to advancing sustainability in economic systems.

## LANGUAGE

The official language of the Workshop is English for all presentations and discussions.

## PUBLICATIONS

All the submitted extended abstract files will be linked to their respective presentation titles and are accessible online via the Workshop program. No ISBN will be associated with the program so authors can submit their full papers to scientific journals without copyright issues. We have arranged post-conference publishing opportunities as we have already collaborated with three prestigious journals for publishing special issues on the Workshop's topics:

- Energy, Sustainability and Society Journal, Springer
- Frontiers in Sustainability, Frontiers
- The Journal of Risk Finance, Emerald Publishing

See more details here: <https://applesus-workshop.eu/special-issues-international-workshop-on-applied-economics-and-sustainability>. Authors who want their work to be considered for publication in these special issues should contact any guest editors for further advice.

## WORKSHOP VENUE

**Harokopio University of Athens**, El Venizelou 70, Kallithea 17676, Athens, Greece ([Map link](#))

The Workshop will take place at the Harokopio University of Athens, located in the city center of Kallithea, from April 11 to 12, 2025. Presentations will take place in the "Ceremony Hall" and "Room 1.2" (*Library building*). Coffee breaks and lunches will be served on-site.

## REGISTRATION FEE

The standard registration fee for the Workshop is 220€ and 150€ (young researchers and INFER members). The conference fee covers attendance, coffee breaks, onsite lunches for 2 days, and the gala dinner on April 11, 2025.

## **SOCIAL EVENTS**

### **1. GALA DINNER**

The Gala Dinner is scheduled for Friday, April 11, 2025, at the "[Kostis Palamas](#)" building (Akadimias 48, Athens 1067, [Map link](#)), located just a 4-minute walk from the Panepistimio metro station (*red line 2*). The cost for accompanying persons is €40, payable at the conference registration desk.

### **2. SPECIAL VISIT**

As part of the social events of the 1st INFER International Workshop on Applied Economics and Sustainability, a special visit (free of charge) is planned for Saturday, April 12, from 15:30 to 19:30 to the [Athens Olympic Museum](#) and [Olympic Athletic Center of Athens' Spiros Louis'](#). Your participation would be appreciated, and confirmation of this visit is required. Please note that this visit is contingent on a minimum number of participants.

## **ORGANIZING COMMITTEE**

Achamnou Giota, Harokopio University of Athens, Greece  
Angeletopoulou Paraskevi, Harokopio University of Athens, Greece  
Arauzo-Carod Josep-Maria, Universitat Rovira i Virgili, Spain (Chair of INFER)  
Briana Maria, Harokopio University of Athens, Greece  
Gehringer Agnieszka, Cologne University of Applied Sciences, Germany (Treasurer of INFER)  
Kolev-Schaefer Galina, Cologne University of Applied Sciences and German Economic Institute (Treasurer of INFER)  
Kostakis Ioannis, Harokopio University of Athens, Greece  
Marketos Angelos, Harokopio University of Athens, Greece  
Pentheroudaki Eirini, Harokopio University of Athens, Greece  
Sardianou Eleni, Harokopio University of Athens, Greece  
Vagenas Nektarios, Harokopio University of Athens, Greece

## **SCIENTIFIC COMMITTEE**

Abeliotis Konstantinos, Harokopio University of Athens, Greece  
Afonso Antonio, Universidade de Lisboa, Portugal  
Arauzo-Carod Josep-Maria, Universitat Rovira i Virgili, Spain  
Bithas Kostas, Panteion University of Athens, Greece  
Asteriou Dimitrios, Oxford Brookes Business School UK  
Bogdan Ianc Nicolae, West University of Timisoara, Romania  
Camarero Mariam, Universidad Jaume I, Spain  
D'Adamo Idiano, Sapienza University of Rome, Italy  
Di Foggia Giacomo, Università di Milano-Bicocca, Italy  
Drivas Kyriakos, University of Piraeus, Greece  
Gastaldi Massimo, Università degli studi dell'Aquila, Italy  
Gouveia João Pedro, NOVA University of Lisbon, Portugal  
Halkos George, University of Thessaly, Greece  
Hondroyiannis George, Harokopio University of Athens, Greece  
Horobet Alexandra, Bucharest University of Economic Studies (BUES), Romania  
Kostakis Ioannis, Harokopio University of Athens, Greece  
Malindretos George, Harokopio University of Athens, Greece  
Mitoula Roido, Harokopio University of Athens, Greece

Nikolaou Ioannis, Democritus University of Thrace, Greece  
Oberst Christian, German Economic Institute, Germany  
Palma Pedro, NOVA University of Lisbon, Portugal  
Saadaoui Jamel, University Paris 8, France  
Sardianou Eleni, Harokopio University of Athens, Greece  
Serranito Francisco, Université Paris Nanterre France  
Stoian Andreea Maria, Bucharest University of Economic Studies, Romania  
Tsagarakis Konstantinos, Technical University of Crete, Greece

## SCIENTIFIC AND SOCIAL PROGRAMME

### FRIDAY, APRIL 11 2025

8.00 – 9.00	Registration
9.00 – 9.30	Welcoming Addresses (Ceremony Hall)
9.30 – 11.30	Session 1. Keynote Presentations (Ceremony Hall)
11.30 – 12.00	Session 2. Poster Session
11.30 – 12.00	Coffee Break
12.00 – 14.00	Session 3. Applied Economics (Ceremony Hall)
14.00 – 15.00	Lunch Break
15.00 – 17.00	Session 4A. Energy Poverty – Special Session (Ceremony Hall)
	Session 4B. Economics and Environment (Room 1.2)
17.00 – 17.30	Coffee Break
17.30 – 19.30	Session 5A. Modelling and Environmental Policy (Ceremony Hall)
	Session 5B. Environmental Management and Sustainability (Room 1.2)

### FRIDAY, APRIL 11 2025

20.30 – 23.00 Gala Dinner [Kostis Palamas](#)" building

### SATURDAY, APRIL 12 2025

09.30 – 11.30	Session 6. Keynote Presentations (Ceremony Hall)
11.30 – 12.00	Session 7. Poster Session
11.30 – 12.00	Coffee Break
12.00 – 14.00	Session 8A. CSR, ESG and Behavioural Economics (Ceremony Hall)
	Session 8B. Economics, Innovation and Sustainability (Room 1.2)
14:00 – 14:15	Closing (Ceremony Hall)
14.15 – 15.00	Lunch

### SATURDAY, APRIL 12 2025

15.00 – 19.00 Special Visit to the [Athens Olympic Museum](#) and [Olympic Athletic Centre of Athens' Spiros Louis'](#)

## PROGRAMME - PRESENTATIONS

**FRIDAY, APRIL 11 2025**

### Session 1: Ceremony Hall

#### KEYNOTE PRESENTATIONS

Chairs: Massimo Gastaldi

- 08.00 – 09:00 Registration  
09:00 – 09:30 Welcoming Addresses  
09.30 – 10.30 **Cosimo Magazzino.** The Impact of Energy Prices and Socio-Economic Factors on CO<sub>2</sub> Emissions in OECD Countries: A STIRPAT and Machine Learning Analysis  
10.30 – 11.30 **Joao P. Gouveia.** Addressing Energy Poverty: Insights from Policy, Research, and Local Action  
11.30 – 12.00 Coffee Break

### Session 2: Ceremony Hall

#### Poster Session

- 11.30 – 12.00 Transparency in Fashion: The Digital Product Passport Revolution  
*Annarita Colasante, Idiano D'Adamo, Simona Desideri, Martina Iannilli, Valeria Mangani (Italy)*  
Renewable Energy Communities for Sustainable Cities  
*Paolo Basilico, Alberto Biancardi, Idiano D'Adamo, Massimo Gastaldi, Tan Yigitcanlar (Italy)*  
Technological Challenges in Construction and Demolition Waste Management  
*Giuseppe Bonifazi, Idiano D'Adamo, Chiara Grosso, Roberta Palmieri (Italy)*  
Examining Social Dynamics in order to Create Sustainable Communities  
*Idiano D'Adamo, Federica Di Santo, Massimo Gastaldi, Ilhan Ozturk (Italy)*  
Building Modernization Preferences within the Context of the Landlord-Tenant Dilemma  
*Christian Oberst (Germany)*  
Consumer Preferences in Retail: An Empirical Investigation for Promoting Sustainable Consumption  
*Eirini Pentheroudaki (Greece)*

### Session 3: Ceremony Hall

#### Applied Economics

Chair: Idiano D'Adamo

- 12.00 – 12.20 Fiscal Implication of Climate Shocks: How do Climate Shocks Affect Public Spending Efficiency in Developing Countries?  
*Asbath Alassani (France)*

- 12.20 – 12.40 OPEC Announcements and Tail Risk in Crude Oil Futures Markets  
*Konstantinos Gkillas, Maria Tantoula (Greece)*
- 12.40 – 13.00 Reclassifying Growth in Low-Income Countries: The Performance-Based Nexus of Energy, Trade and Investment  
*Aya Khater, Dina Yousri (Egypt)*
- 13.00 – 13.20 Economic Growth in Flux: The European Experience with Inflation and Monetary Policy (2020-2023)  
*Anastasios Pappas (Greece)*
- 13.20 – 13.40 Sovereign Debt Default Determinants in African Countries: Comparing CART and Logit Models  
*Samantha Joy Cinco (South Africa)*
- 13.40 – 14.00 Discover Safe Havens and Hedging Strategies with Alternative Investments  
*Dimitris Kenourgios, Alexandros Tsioutsios (Greece)*
- 14.00 – 15.00 Lunch Break

<b>Session 4A: Ceremony Hall</b>
----------------------------------

**Energy Poverty - Special Session**

(Parallel with Sessions 4B)

Chair: Dimitrios Damigos

- 15.00 – 15.20 Measuring Energy Poverty: Insights from the Spanish Case Study  
*Josep-Maria Arauzo-Carod (Spain)*
- 15.20 – 15.40 Measuring Energy Poverty: Insights from the Italian Case Study  
*Giacomo Di Foggia (Italy)*
- 15.40 – 16.00 Employing Machine Learning to Uncover Trends in Organizational Efforts Against Energy Poverty  
*Konstantinos Tsagarakis, George Tsironis (Greece)*
- 16.00 – 16.20 Measuring Energy Poverty: Insights from the Portuguese Case Study  
*Pedro Palma (Portugal)*
- 16.20 – 16.40 Do Tariff Reductions Alleviate Energy Poverty? Evidence for Sub-Saharan African countries  
*Windbeneti Arnaud Zahonogo (France)*
- 16.40 – 17.00 Identifying Energy-Poor Households Using Machine Learning Algorithms  
*Elpida Kalfountzou, Dimitrios Damigos (Greece)*
- 17.00 – 17.30 Coffee Break

<b>Session 4B: Room 1.2</b>
-----------------------------

**Economics and Environment**

(Parallel with Sessions 4A)

Chair: Dimitrios Dimitriou

- 15.00 – 15.20 Navigating the Blue Economy: A Socioeconomic Perspective on Marine Resource Sustainability  
*Cosmin-Alin Botoroga, Alexandra Horobet, Lucian Belascu, Aura Girlovan (Romania)*

- 15.20 – 15.40 Revisiting the Tourism Energy Growth Nexus Discussion in the Eurozone Economic Space: A Panel Data Analysis  
*George Ekonomou (Greece)*
- 15.40 – 16.00 Do Leaders Matter? Examining the Impact of Political Leaders' Characteristics on Climate Change Readiness  
*Chrysoula Chitou, Stella Tsani (Greece)*
- 16.00 – 16.20 Examining the Ecological Footprint and Load capacity factor in G-7 Countries using Artificial Intelligence Methods  
*Dimitrios Dimitriou, Ioannis Kostakis, Alexandros Tsioutsios (Greece)*
- 16.20 – 16.40 Bioeconomy Visions and National Strategies. A Bibliometric Analysis  
*Panagiotis Koronaios, Panagiotis Kalimeris, Georgios Maroulis (Greece)*
- 16.40 – 17.00 Caught in the Crossfire: Natural Resources, Energy Transition, and Conflict in the Democratic Republic of Congo  
*West Togbetse (France)*
- 17.00 – 17.30 Coffee Break

<b>Session 5A: Ceremony Hall</b>
----------------------------------

**Modelling and Environmental Policy**

(Parallel with Sessions 5B)

Chair: Christian Oberst

- 17.30 – 17.50 Towards Defining the Challenges for Mainstreaming Biodiversity in Corporate Sustainability Reporting in the Framework of the EU-Rail SYMBIOSIS Project  
*Lazaros Georgiadis, Matina Loukea, Almona Tani, Martina Busti, Eduardo Prieto, Manuel Luis Campos Molina, Lorenzo Franzoni, Jeff Ollerton, Andreas Seiler (Greece)*
- 17.50 – 18.10 Towards a New Classification Framework for Environmental Policy Instruments  
*Vasileios Rizos (Belgium)*
- 18.10 – 18.30 Living vs. Parking Space: The Role of Private Parking Spaces in Housing Choice  
*Christian Oberst (Germany)*
- 18.30 – 18.50 Examining Consumers' Behaviour Towards the Use of Circular Economy Construction Products: Survey Results from Nine European Countries  
*Theoni I. Oikonomou, Spyridon Karytsas, Constantine Karytsas, Eleni Theodoropoulou (Greece)*
- 18.50 – 19.10 Momentum-Driven Hierarchical Risk Parity: A Dynamic Allocation Framework for Sustainable Investing  
*Cristiana Tudor, Robert Soba (Romania)*
- 19.10 – 19.30 Consumer Preferences and Digital Marketing Strategies for Energy-Saving Appliances in the Online Market of Greece  
*Maria Briana (Greece)*
- 20.30 – 23.00 Gala Dinner



## Session 5B: Room 1.2

### Environmental Management and Sustainability

(Parallel with Sessions 5A)

Chair: Konstadinos Abeliotis

- 17.30 – 17.50 Who is Actually Self-Sufficient in Terms of Food Production? An Alternative Approach to Measuring Food Self-Sufficiency  
*Jakub Olipra (Poland)*
- 17.50 – 18.10 Business Models for Food Waste Prevention in the Retail Sector  
*Konstadinos Abeliotis, Christina Chroni, Katia Lasaridi (Greece)*
- 18.10 – 18.30 Transforming Asbestos Waste Management in Latvia: Institutional Challenges and Policy Solutions  
*Janis Butkevics (Latvia)*
- 18.30 – 18.50 The Mediation Effect of Perceived Behavioral Control in Ethical Consumerism: A TPB Approach to Willingness to Pay for Eco-Certified Hotels  
*Konstantinos Velaoras, Angeliki, N. Menegaki, Serafeim Polyzos, Katerina Gotzamani (Greece)*
- 18.50 – 19.10 Perceptions of Job Quality and Performance in B Corporations: Evidence From the Best Performers in the US  
*Agni Dikaïou, Michela Vecchi, Tracy Xu (UK)*
- 20.30 – 23.00 Gala Dinner

**SATURDAY, APRIL 12 2025**

## Session 6: Ceremony Hall

### KEYNOTE PRESENTATIONS

Chair: Marina-Selini Katsaiti

- 09.30 – 10.30 **Alexandra Horobet.** The Price of Sustainability: Do Investors Reward CSR-Compliant Firms?
- 10.30 – 11.30 **Daniel Balsalobre-Lorente.** The relevance of AI and ICT over Environmental Pressure. A Fresh View
- 11.30 – 12.00 Coffee Break

## Session 7: Ceremony Hall

### Poster Session

- 11.30 – 12.00 Transparency in Fashion: The Digital Product Passport Revolution  
*Annarita Colasante, Idiano D'Adamo, Simona Desideri, Martina Iannilli, Valeria Mangani (Italy)*
- Renewable Energy Communities for Sustainable Cities  
*Paolo Basilico, Alberto Biancardi, Idiano D'adamo, Massimo Gastaldi, Tan Yigitcanlar (Italy)*
- Technological Challenges in Construction and Demolition Waste Management  
*Giuseppe Bonifazi, Idiano D'Adamo, Chiara Grosso, Roberta Palmieri (Italy)*

Examining Social Dynamics in order to Create Sustainable Communities

*Idiano D'Adamo, Federica Di Santo, Massimo Gastaldi, Ilhan Ozturk*

Building Modernization Preferences within the Context of the Landlord-Tenant Dilemma

*Christian Oberst (Germany)*

Consumer Preferences in Retail: An Empirical Investigation for Promoting Sustainable Consumption

*Eirini Pentheroudaki (Greece)*

<b>Session 8A: Ceremony Hall</b>
----------------------------------

**CSR, ESG and Behavioural Economics**

(Parallel with Sessions 8B)

Chair: Aya Kachet

- 12.00 – 12.20 Happiness and Sustainability: Beyond Regression Analysis New Insights from the Copula Methodology  
*Mohamed Chaouch, Marina-Selini Katsaiti (Greece)*
- 12.20 – 12.40 ESG Performance, Controversy, and Governance Incidents: A Quantitative Analysis  
*Robert Sova, Cristiana Tudor (Romania)*
- 12.40 – 13.00 What are the Critical Factors that Explain the Quality Level of Corporate ESG Disclosures?  
*Thomas A. Tsalis, Nikolaos S. Trevlopoulos, Georgios Avlogiaris, Panagiotis Kosmas, Konstantinos I. Vatalis, Ioannis E. Nikolaou (Greece)*
- 13.00 – 13.20 Tax Avoidance and Risk, a new ESG Minded Story  
*Gregory Schneider-Maunoury, Jordan Bouchacourt (France)*
- 13.20 – 13.40 Life Cycle Assessment for Carbon Footprint Reduction in a Sustainable Building Sector  
*Anastasia Athanasopoulou, Dimitra Papadaki, Chrysanthi Eftymiou, Christos Georgiou, Lorenzo Pattelli, Margarita-Niki Assimakopoulos (Greece)*
- 13.40 – 14.00 Assessment of Energy Literacy and Environmental Beliefs of Middle School Students in Greece  
*Eleni Sardianou, Konstantinos Kougias, Konstantinos Tsagarakis, Anna Saiti (Greece)*
- 14.00 – 14.15 Closing
- 14.15 – 15.00 Lunch Break
- 15.00-19.00 Special Visit to the Athens Olympic Museum and Olympic Athletic Center of Athens' Spiros Louis'.

**Session 8B: Room 1.2**

**Economics, Innovation and Sustainability**

(Parallel with Sessions 8A)

Chair: Christiana Tudor

- 12.00 – 12.20 Reassessing Financial Volatility in the Era of Innovation and Sustainability: A PVAR Analysis of 27 European Countries  
*Aura Girlovan, Cristiana Tudor, Alexandra Horobet, Gabriel Robert Saiu, Daniel Dumitru Guse (Romania)*
- 12.20 – 12.40 Gamification and Supply Chain 4.0: Leveraging Artificial Intelligence and IoT for Sustainable Smart Cities  
*Maria Kanavaki (Greece)*
- 12.40 – 13.00 The Role of Intelligent Technologies in Promoting Sustainable Business Models and their Impact on Consumer Behavior in Greece. The Strategic Kickstart: An Introduction on Systematic Review Methodology  
*Panagiota G. Achamnou (Greece)*
- 13.00 – 13.20 The Role of Social Conditions on Environmental Degradation  
*Ioannis Kostakis, Sotirios Drosis, Eleni Sardanou, Roido Mitoula (Greece)*
- 13.20 – 13.40 Driving Forces of CO2 Emissions in Selected EU Economies: A LMDI Decomposition Analysis  
*Emmanouil Hatzigeorgiou, Eleni Koilakou (Greece)*
- 13.40 – 14.00 The Environmental Phillips Curve: Insights from the Literature  
*Yunus Emre Gürbüz (Turkey)*
- 14.00 – 14.15 Closing
- 14.15 – 15.15 Lunch Break
- 15.30-19.30 Special Visit to the Athens Olympic Museum and Olympic Athletic Center of Athens' Spiros Louis'.

