



Concise Conference Programme

Time (Greek Time)	Sessions-Topics Day 1 – Friday 08/12/2023
09:45-10:00	OPENING – WELCOME
10:00-12:00	Session 1: Chairperson: Assc Professor Trung Thanh Nguyen Agricultural production and food consumption for a more sustainable Asia.
12:00-12:30	Keynote Speaker Prof. Eftichios Sartzetakis
12:30-12:35	Coffee Break
12:35-14:15	Session 2: Chairperson: Assc Professor Konstantinos G. Papaspyropoulos. Forest Economics.
12:35-14:15	Session 3: Chairperson: Professor Zacharoula Andreopoulou. Environmental Risks.
14:15-15:00	Break
15:00-16:40	Session 4: Chairperson: Professor George Halkos. Climate Change and Urban Environment
15:00-16:40	Session 5: Chairperson: Assc Professor Konstantinos Evangelinos. Corporate Social Responsibility –Environmental Psychology.
16:40-17:00	Coffee Break
17:00-18:40	Session 6: Chairperson: Dr. Jaime Moll de Alba. Circular Economy
17:00-18:40	Session 7: Chairperson: Professor Vassilios Profillidis. Sustainable Transport
18:40-19:10	Keynote Speaker Mr. Emmanuel Kontekakis
Day 2 - Saturday 09/12/2023	
09:30-10:50	Session 8: Chairpersons: Assc. Prof.: Teresa A. Oliveira Data Science & Artificial Intelligence: Improving Health Equity and Urban Environments
09:30-10:50	Session 9: Chairperson: Assc. Professor Amilcar Oliveira Big Data in Environmental Risk Analysis
10:50-12:50	Session 10: Chairperson: Professor Roido Mitoula Welfare – Regional Development
10:50-12:30	Session 11: Chairperson: Professor George Halkos. Sustainable Water Management – Social and Natural Capital
12:50-13:30	Break
13:30-14:00	Keynote Speaker Prof. Anastasios Xepapadeas
14:00-15:40	Session 12: Chairpersons: Prof. K. Tsekouras - Assc Prof. K. Kounetas. Quantitative Methods – Environmental Efficiency
14:00-15:40	Session 13: Chairpersons: Prof. Ioannis Nikolaou & Asst. Prof. Antonios Skouloudis Sustainable Tourism– Circular Economy II
15:40-16:00	CLOSING & FINAL GIVEAWAYS



Keynote Speakers

2

“Environmental Regulation with preferences of social status”

Prof. Eftichios Sartzetakis

*Prof. of Environmental Economics,
Department of Economics.
Dean School of Economic and Regional
Studies, University of Macedonia.*



“Corporate perspectives of the Titan Group in Biodiversity”

Mr. Emmanuel Kontekakis

*Quality & Environmental Assurance Systems Administrator
QA/QC Manager Aggregates Operations, Greece.
Titan Group.*



“The evolution of Research in Economics of Natural Resources and the Environment”

Prof. Anastasios Xepapadeas

*Prof. of Economics, University of Bologna.
Prof. Emeritus Athens University of Economics & Business.*





3

Conference Schedule



Friday 08 December 2023

Opening – Welcome

09:45-10:00

1st Session – Tsoumis Room

10:00-12:00

4

Topic: Agricultural production and food consumption for a more sustainable Asia

Chairperson: Asse Professor Trung Thanh Nguyen

10:00-10:20 *Smallholders' crop commercialization and agriculture's structural change in Southeast Asia.*

Manh Hung Do, Trung Thanh Nguyen, Ulrike Grote

10:20-10:40 *Internet use, non-farm employment and investment in agriculture: Evidence from Thailand and Vietnam*

Nguyet Tran Thi Minh, Trung Thanh Nguyen, Manh Hung Do

10:40-11:00 *Can sustainable intensification boost productivity and fertilizer use efficiency? Insights from wheat systems in the eastern Indo-Gangetic Plains*

Gokul P. Paudel, Jordan Chamberlin, Trung Thanh Nguyen

11:00-11:20 *Natural Resource Extraction and Poverty in Thailand and Vietnam*

Alexander Oetjen

11:20-11:40 *Farming efficiency and agricultural transformation: Evidence from panel data for Thailand*

Kasem Kunasri, Trung Thanh Nguyen

11:40-12:00 *Promoting artificial meat to improve food security and reduce resource-environment pressure: Is it practicable in China?*

Shi Min, Minda Yang, Trung Thanh Nguyen, Ping Qing



5

Keynote Speaker – Tsoumis Room

12:00-12:30

Topic: “Environmental Regulation with preferences of social status”

Eftichios Sartzetakis

*Professor of Environmental Economics, Department of Economics
Dean School of Economic and Regional Studies, University of Macedonia*

Coffee Break

12:30-12:35

2nd Session – Tsoumis Room

12:35-14:15

Topic: Forest Economics

Chairperson: Asst Professor Konstantinos G. Papaspyropoulos

12:35-12:55 History, trends, and gaps in forest economics research
Konstantinos G. Papaspyropoulos

12:55-13:15 Relationship of Material Flow Cost Accounting and Bioeconomy in the Forest Industry sector
Marina-Vasiliki Andreadou & Konstantinos G. Papaspyropoulos

13:15-13:35 Implementing focus groups for studying citizens’ opinions for wood biofuels
Marina-Vassiliki Andreadou, Maria Gkirtzimanaki, Victoria Datsi, Antonios Zafeiroudis & Konstantinos G. Papaspyropoulos

13:35-13:55 Development of Forest Experience using ICT
Georgilas Argyrios & Zacharoula Andreopoulou

13:55-14:15 Circular Economy in the European Forest Sector through the Sustainability Reports of the Leading Forestry Companies
Dimitra Panori & Konstantinos G. Papaspyropoulos



3rd Session – Amphitheatre

12:35-14:15

Topic: **Environmental Risks**

Chairperson: **Professor Zacharoula Andreopoulou**

6

12:35-12:55 *Flood risk assessment and catastrophe analysis of cropland of the Central Macedonia water district.*
Alexandros Tzavidis & Dionysios Latinopoulos

12:55-13:15 *Green digital finance nexus with traditional investments during crises.*
Nikolaos Kyriazis

13:15-13:35 *Global Water Players, usage behavior and economic power classification.*
Theodore Krintas

13:35-13:55 *A dynamic approach of climate change performance and weather-related environmental hazards: The effect of macroeconomic factors to climate indicators.*
George Halkos & Argyro Zisiadou

13:55-14:15 *Assessment of vulnerability to reaction of forest fires in wildland urban interface. A Case study of Regional Unit of Zakynthos.*
Kapsopoulou E. & Latinopoulos D.

Break

14:15-15:00



4th Session – Tsoumis Room

15:00-16:40

7

Topic: **Climate Change and Urban Environment**

Chairperson: **Professor George Halkos**

15:00-15:20 *Novel Methodologies with Virtual Reality Applications in Environmental Economics: The Arsinoe Project.*

George E. Halkos, Phoebe Koundouri, Conrad Landis, Lydia Papadaki and Panagiotis – Stavros Aslanidis

15:20-15:40 *Comparing Air Pollution levels in Greece: The case of Athens and Salonica*
Christos P. Kitsos C-S. Nisiotis

15:40-16:00 *Pathways2Resilience. Co-developing pathways towards climate resilient regions in Europe.*
Phoebe Koundouri, Konstantinos Dellis, Kit England, Conrad Landis, Angelos Plataniotis, Paul Watkiss, Argyro Zisiadou

16:00-16:20 *Hydrological Assessment and Sustainable Development Prospects: Insights from a Training Course on Municipalities with Rivers.*
Maria Kapouniari, Anastasia Katsoulea, Antigoni Zafeirakou, Eleni Papadopoulou

16:20-16:40 *Smart Sustainable Cities: A Greek Case Study.*
Paraskevi Boufounou, Ilias Moustairas, Kanellos Toudas & Chrysovalantis Malesios



5th Session – Amphitheatre

15:00-16:40

8

Topic: **Corporate Social Responsibility –
Environmental Psychology**

Chairperson: **Asse Professor Konstantinos Evangelinos**

15:00-15:20 *Corporate Social Responsibility CSR and the effects on employees' mental health.*
Kristina Kucheruk & Konstantinos Evangelinos

15:20-15:40 *The significance of stakeholder engagement for promoting the Energy Efficiency First Principle (EE1st) in regional energy policy.*
Stavros Spyridakos, Stefania Zourka, Sofia-Natalia Boemi, Stefanos Dodouras, Nikolaos Ntavos & Ioannis Fallas

15:40-16:00 *Integrating Environmental Education Techniques for Organizational Employees: A Sustainable Approach to Corporate Responsibility.*
Kristina Kucheruk & Pavlina Papilia & Konstantinos Evangelinos

16:00-16:20 *The Psychology of non-market Environmental Valuation: research evidence, theoretical insights, and policy considerations.*
Anastasia Gkargkavouzi & George Halkos

16:20-16:40 *Environmental psychology of religion and environmental crisis.*
Georgios Fountoulakis

Coffee Break

16:40-17:00



6th Session– Tsoumis Room

17:00-18:40

Topic: **Circular Economy**

Chairperson: **Dr. Jaime Moll de Alba**

9

17:00-17:20 *Circular economy in European Fashion Industry.*
George E. Halkos, Jaime Moll de Alba and Panagiotis – Stavros C. Aslanidis

17:20-17:40 *Fast Fashion and Circular Economy.*
Kristina Kucheruk & Konstantinos Evangelinos

17:40-18:00 *Local products entrepreneurship as a tool for sustainable regional development: the case of N. Chalkidiki.*
Varvaris I., Strantzali P., Varvari E., Andreopoulou Z.

18:00-18:20 *Study of the impact of using SRF/RDF alternative solid fuels on the cement industry environmental footprint.*
Nikolaos Morfopoulos & Maria C. Samolada

18:20-18:40 *Forest road pavement construction based on recycled materials is an economic and environmental neutral footprint implementation?*
Stergiadou Anastasia, Tampekis Stergios, Kolkos George, Moutsopoulos Dimitrios, Stergiadis Charalampos



7th Session – Amphitheatre

17:00-18:40

Topic: **Sustainable Transport**

Chairperson: **Professor Vassilios Profillidis**

10

17:00-17:20 *Forecasting Greenhouse Gas Emissions of Passenger Traffic to the Aegean Islands with the Use of Machine Learning.*
Konstantinos Christidis, Vassilios Profillidis, George Botzoris, Lazaros Iliadis, George Nellas.

17:20-17:40 *Integrating bike paths into peri-urban environment: the case of Serres.*
Foteini Mikiki, Vassilios Hortomaris & Athanasios Galanis

17:40-18:00 *Investigation of bicycle travel conditions in the cities of Thessaloniki and Lamia.*
Athanasios Galanis, Artemis Gioldasi, Anna Rinota, Stavros Papaioannou, George Botzoris & Panagiotis Lemonakis

18:00-18:20 *Predicting the Societal Acceptance of Mega Road Infrastructure Projects in Greece: A Statistical Model Anchored in Sustainable Development Principles.*
Angelos Papavasileiou, Roido Mitoula, Alexandros Zangelidis, Panagiotis Kaldis

18:20-18:40 *The Role of Big Data in Environmental Sustainability of Aviation: A Literature Review*
Athanasios Georgakis, Vassilios Profillidis, George Botzoris

Keynote Speaker – Tsoumis Room

18:40-19:10

Topic: “Corporate perspectives of the Titan Group in Biodiversity”

Emmanuel Kontekakis

*Quality & Environmental Assurance Systems Administrator
QA/QC Manager Aggregates Operations, Greece.
Titan Group.*



Saturday 09 December

Online

8th Session

09:30-10:50

11

Topic: **Data Science and Artificial Intelligence
Improving Health Equity and Urban Environments**

Chairperson: **Assoc. Professor Teresa A. Oliveira**

09:30-09:50 *Bridging the Gap between Artificial Intelligence and Information Geometry:
A Path to Efficient Decision-Making*
Teresa A. Oliveira & Carla Cardoso

09:50-10:10 *Exploring statistical control methods in epidemiological scenarios and process
management: A comparative study.*
Gleice Leidenfrost, Elisa Henning & Teresa Oliveira

10:10-10:30 *Exploring Dental Health, Immunity, and HDL: A Comparative Study Using
GAMLSS and PPR Models*
J.A. Pereira, Luzia Mendes¹ & Teresa A. Oliveira

10:30-10:50 *A Statistical contribution to Decision Making: On Preventing Covid-19 in
Mozambique selected regions.*
M. Filomena Teodoro, Teresa Oliveira & Francisco Arune



9th Session

09:30-10:50

12

Topic: **Big Data in Environmental Risk Analysis**

Chairperson: **Assoc. Professor Amílcar Oliveira**

09:30-09:50 *Big data sets in environmental studies*
Amílcar Oliveira

09:50-10:10 *Entropy and Uncertainty: Theoretical Framework and Fuzzy Logic for Environmental Economics.*
George Halkos & Christos P. Kitsos

10:10-10:30 *A Review on the Impact of ESG on the Economy and Financial Risk*
Catarina Seruca, Ana Gomes, Débora Nascimento, Rui Prata, Afshin Ashofteh

10:30-10:50 *Analysis of the inequality into distributions. An alternative approach to the Gini index applied to the environmental spending in EU.*
A.Seijas-Macias, A. Oliveira & T. A. Oliveira



10th Session

10:50-12:50

13

Topic: Welfare – Regional Development

Chairperson: Prof. Roido Mitoula & Assc Prof. Eleni Sardianou

10:50-11:10 *Consumer barriers to bio-based transitions: A study on food products.*
Skouloudis Antonis, Malesios Chrysovalantis & Lekkas Demetris-Francis

11:10-11:30 *Assessing the feasibility of the Bellagio Process in the European Union.*
Vasilis Nikou, Eleni Sardianou

11:30-11:50 *The Determinants of Heating Oil Consumption in the Household Sector.*
Charitomeni Markantonaki, Eleni Sardianou, Roido Mitoula, & Ioannis Kostakis

11:50-12:10 *Millennials' Perspective on Sustainable Banking Practices.*
Eleni Sardianou, Athanasia Stauropoulou, Ioannis Nikolaou & Konstantinos Evangelinos

12:10-12:30 *Environmental multipliers in Sraffian frameworks: derivation, implications, and empirical illustration.*
Theodore Mariolis & Christos Tsirimokos

12:30-12:50 *Evaluation of Indoor Environmental Quality (IEQ) of Transport Cabins Using an Optical Particle Counter.*
Bertrand Tchanche, Sotirios Papathanasiou, Anil Namdeo



11th Session

10:50-12:30

Topic: Sustainable Water Management – Social and Natural Capital

Chairperson: Professor George Halkos

14

Impact of Fuel Costs on Fish Prices: An Econometric Analysis in the Ionian Sea.
10:50-11:10 George Halkos, Phoebe Koundouri, Angelos Plataniotis, Vassiliki Vassilopoulou, Angelos Liontakis

The dependence of the industries of the Greek economy from the fisheries and aquaculture sector.
11:10-11:30 Christos Tsirimokos, Irene Tzouramani, Angelos Liontakis, Stamatis Mantziaris & Alexandra Sintori

The economic aspects of water management practices in Classical Athens.
11:30-11:50 George E. Halkos & Emmanouil M. L. Economou

Exploring links between local social capital and social effectiveness of protected areas.
11:50-12:10 Nikoleta Jones & Chrisovaladis Malesios

The geography of environmental migration. Greece: Case studies and affected areas.
12:10-12:30 Polyxeni Soufla, Dritsas Sofoklis, Matsiori Steriani, Paraskevopoulos Stefanos

Break

12:50-13:30

**Keynote Speaker****13:30-14:00**

Topic: “The evolution of Research in Economics of Natural Resources and the Environment”

Professor Anastasios Xepapadeas

*Professor of Economics, University of Bologna.
Professor Emeritus Athens University of Economics and Business.*

12th Session**14:00-15:40**

Topic: Quantitative Methods – Environmental Efficiency

Chairperson: Prof. K. Tsekouras - Assc Prof. K. Kounetas

14 :00 - 14:20 Dynamic Modeling of Environmental Quality with Embodied Technological Progress.

George Halkos, George Papageorgiou, Emmanuel Halkos, John Papageorgiou

14:20 - 14:40 European firms productivity growth and environmental regulation. Re-examining the Porter hypothesis.

Tsekouras Konstantinos, Kounetas Konstantinos, Capasso Salvatore, Rigas Nikos

14:40 - 15:00 Testing the Environmental Kuznets Curve hypothesis in the case of tourism in the Eurozone member states.

George Ekonomou & George Halkos

15:00 - 15:20 Are climate change policy instruments the sword of Damocles on fostering green technology independence to achieve green growth and sustainability in Europe?

Nikos Chatzistamoulou, Andriana Dimakopoulou

15:20 - 15:40 Suitability evaluation of broadleaved wood for multiple uses with the application of PROMETHEE II method

Stefanos Tsiras & Marina Chavenetidou



13th Session

14:00-15:40

16

Topic: **Sustainable Tourism – Circular Economy II**

Chairperson: **Prof. Ioannis Nikolaou & Asst. Prof. Antonios Skouloudis**

14 :00 - 14:20 *Exploring the role of tourism in environmental degradation*
George Ekonomou & George Halkos

14:20 - 14:40 *Tourism Local Development and Destination Management – The sustainability of small and medium-sized tourism enterprises and the environment in which they are based.*
Ioanna Grigoriadou, Georgios Tsekouropoulos, Ourania Gouna, Sotirios Mandalidis

14:40 - 15:00 *Local Tourism Development and Destination – The buying behavior of the consumer-tourist based on the organizational culture for the environmental footprint of the enterprise.*
Ioanna Grigoriadou, Georgios Tsekouropoulos, Ourania Gouna, Greta Hoxha, Dimitrios Theocharis

15:00 - 15:20 *Developing and implementing Corporate Social Responsibility and Circular Economy strategies in the Hotel Industry.*
Panagiotis Vouros, Peni Lamprou, Christos Mitsokapas, Petros Dallas, Akrivi Vagena, Panagiotis Tridimas, Konstantinos Evangelinos & Panagiotis Grammelis

15:20 - 15:40 *A Methodological Framework and Typology to classify the regulatory- or proactive-driven corporate environmental and social behavior.*
Ioannis Nikolaou, Nikolaos Trevlopoulos, Konstantinos Evangelinos and Thomas Tsalis

Closing

15:40-16:00

Topic: Closing & Giveaways

Professor George Halkos

*Department of Economics, School of Economics and Business Administration,
University of Thessaly*