



Final Call for abstracts - News for Innovative Workshop International Symposium and Workshop **SuST-2025**

Sustainable Solutions at Times of Transition (SuST) - Resilient Communities and Sustainable Islands 15-17 September 2025, Nisyros Island, Greece

Ecologically destructive human practices that bring about climate change, have increased the risk of extreme weather events, food system failures, biodiversity loss, social inequalities, and geopolitical instability. As we struggle to face the ecological crisis and collapse in what has been called the Age of Multi-crises, environmental and social sustainable and resilient practices have become a vital issue for the survival of humanity.

Sustainability is related to systemic health and resilience at different scales, from local to regional and global. It involves a broader view of the importance of various assets, their coexistence and mutual symbiosis. It requires “Closing the loop” of product lifecycles through greater recycling and re-use, as well as using resources in a sustainable way from production and consumption to waste management. What is more, political responses and policy strategies are needed to move on from *business as usual*. Against this background, the symposium covers a **wide range of topics linked to human-environment relations and transformations towards sustainability**.

MISSION

The symposium focuses on (trans)national and regional as well as urban, rural, and insular areas given their diverse socio-economic conditions, political trajectories, and vulnerabilities to climate change. The major objective of the symposium is to promote the scientific dialogue by addressing the technical, socio-economic, ecological and political dimensions in the context of *Accelerating the Transition to Equitable, Sustainable, Post-Fossil-Carbon Societies*.

SYMPOSIUM OBJECTIVES

The conference aims to provide an international interactive space for scholars and practitioners from all disciplines and fields to discuss research results, ideas, and experiences in the light of the climate crisis. To that end, we invite experts to present their research and discuss their experiences in the context of increasing climate shocks and catastrophes and environmental degradation, and the need for providing solutions integrating resilience and equity into all levels of society to reduce vulnerabilities and social upheavals. Researchers can exchange ideas and explore multiple dimensions of systemic, holistic, and synergistic approaches for improving and applying sustainability principles, planning and fostering future collaborations as well.



Topics

The Symposium organizers welcome papers dealing with one or more of the following topics:

- Ecosystem-based adaptation strategies and resilient infrastructure design-Eco design
- Sustainable solutions in urban planning and smart cities
- Holistic approaches for sustainable islands (natural resources, energy, water, land use, circular economy applications, transportation, sustainable tourism)
- Biodiversity conservation and restoration
- Innovative circular economy and sustainable bioeconomy
- Politics and policies towards climate protection, resilience, and sustainability
- Societal participation and inclusion in political and policy design processes
- Social and cultural sustainability, education, and local knowledge
- Gender equality and sustainable development
- Blue Economy perspectives for sustainable islands
- Sustainable energy and blue-green infrastructures
- Novel technologies (IoT, AI, Deep Learning, Blockchain, Big Data) for sustainability
- Sustainability tools (Life Cycle Assessment, Environmental Impact Assessment, Exergy Analysis, etc.)
- Community-led conservation and environmental initiatives
- Sustainable agriculture and food systems
- Natural carbon sequestration
- Sustainable supply chain management

Venue



The Symposium will be held from 15 to 17 September 2025 on Nisyros island, a small Greek volcanic island in the Aegean Sea. Nisyros is a unique landscape island of volcanic origin, known for its unique lunar landscape and the energy it exudes. It is popular for its sunsets and tranquility, away from the crowds of mass tourism. Nisyros is an active volcano, with its crater being one of the main attractions of the island. Despite its tourist development, the island maintains a



calm atmosphere and offers very good facilities for its visitors. Many visitors report that Nisyros has a special energy, due in part to its volcanic landscape. The island offers hiking trails, ideal for those seeking contact with nature.

Publications

Collection of peer-reviewed articles that will be extended versions of papers presented at a conference will be published together in two international journals specific issues. These special issues will focus the particular themes and topics related to the conference and will highlight the latest research and advancements in the conference fields of interest.

Workshops

A workshop will be organized during the Conference, focusing on the Island Communities Sustainability including issues such as islands' capacity and over-tourism, water resources, mobility, land use, resources depletion and future perspectives. Based on demand and interest, other workshops may also be organized.

Organizing Committee

Conference Chair

John (Ioannis) K. Kaldellis, Prof., University of West Attica, Greece

Host and Co-Chair

Christofis Koroneos, Prof. and Mayor of Nisyros Municipality

Honorary Chair

Anastasia Zabaniotou, Prof. Emerita, Aristotle University of Thessaloniki

Advisory Board (*alphabetically*)

- **Kondili Emilia**, Prof. and President, Mechanical Engineers Dept, UNIWA
- **Krokida Magda**, Prof., National Technical University of Athens
- **Nastos Panagiotis**, Prof., National and Kapodistrian University of Athens
- **Nomikou Paraskevi**, Prof., National and Kapodistrian University of Athens
- **Proestou Maria**, Head of junior group, Humbolt University of Berlin
- **Tsatsaronis George**, Prof. Emeritus, Technical University of Berlin

Important Dates

June 30, 2025 **Abstract Submission**

July 31, 2025 **Short Paper Submission**

For more information: <https://www.nisyros.gr/susteu>