P21 / Integrating Public Policy and Energy Resilience: Tackling Climate Change Amid Global Turbulence

Topic : ENVIRONMENT, SDGs, ENERGY

Chair : Wei Ye (Chiang Mai University School of Public Policy)

Second Chair : Andrea Gatto (Kean University)

GENERAL OBJECTIVES, RESEARCH QUESTIONS AND SCIENTIFIC RELEVANCE

This panel aims to convene leading experts in public policy and energy studies to explore the complex interplay between climate change mitigation, energy resilience, and global geopolitical shifts. We will critically examine the need for a more integrated approach to public policy, addressing both the urgent need to decarbonize our economies while simultaneously strengthening energy security and resilience in a volatile world. The global energy landscape is undergoing rapid transformation. The urgency of climate change mitigation demands a rapid transition to renewable energy sources. However, this transition is complicated by geopolitical tensions, economic instability, and the need to ensure reliable and affordable energy access for all. Traditional energy security models are insufficient in this new context, demanding innovative public policy solutions that foster energy resilience, promote sustainable development, and consider the wider social and economic impacts of the energy transition.

The research questions of the panel involve but are not limited to: How can public policy effectively integrate climate change mitigation goals with energy security and resilience in a rapidly changing global context? What are the key policy instruments and regulatory frameworks needed to facilitate the deployment of renewable energy technologies while ensuring system reliability and affordability? How can public policies address the social, economic, and geopolitical challenges associated with the energy transition, particularly in developing countries? What role can international cooperation play in promoting energy resilience and ensuring a just and equitable energy transition?

The panel will explore various hypotheses, including:

Interconnectedness: Public policy solutions for climate change and energy resilience are deeply interconnected and cannot be tackled in isolation.

Innovation and Diversification: Promoting innovation in renewable energy technologies, alongside diversification of energy sources and supply chains, is crucial for energy resilience.

Equity and Inclusion: Energy policies must prioritize equity and social justice, ensuring access to affordable and reliable energy for all, particularly in marginalized communities.

Global Cooperation: International collaboration and knowledge sharing are essential for building resilient energy systems and achieving global climate goals.

This panel is highly relevant to the growing body of research on energy policy, climate change, and global development. By fostering interdisciplinary dialogue and exploring innovative policy solutions, it will contribute to a more comprehensive understanding of the challenges and opportunities presented by the energy transition in a turbulent world.

CALL FOR PAPERS

This panel invites original research papers addressing the intersection of public policy, climate change mitigation, and energy resilience, particularly in the context of global economic and geopolitical shifts. We welcome a diversity of perspectives and methodological approaches, including:

Policy Analysis: Evaluations of existing and proposed policies related to renewable energy deployment, energy efficiency, carbon pricing, or energy security.

Economic Modeling: Analysis of the economic costs and benefits of different energy transition pathways and the impact of policy interventions.

Geopolitical Analysis: Examination of how geopolitical factors shape energy policy decisions and influence energy security and resilience.

Social Impact Assessment: Studies on the social, economic, and environmental impacts of energy policies

on different communities and regions.

Case Studies: In-depth analyses of specific countries or regions, highlighting successful or challenging approaches to energy transition and policy integration.

Submission Guidelines:

Abstracts of 250-300 words should be submitted by January 31th, 2025.

Accepted papers will be presented at the panel during the conference.

The panel will provide a platform for stimulating discussion and interaction among presenters and conference participants.

We are particularly interested in papers that address:

Energy Security and Resilience: Strategies for enhancing energy security and resilience in the face of climate change and geopolitical instability.

Renewable Energy Deployment: Policy mechanisms to accelerate the deployment of renewable energy technologies and ensure grid reliability.

Just Transition: Policies addressing the social and economic impacts of the energy transition, ensuring inclusivity and equity.

International Cooperation: Models for international collaboration and knowledge sharing to advance energy resilience and climate goals.

Join us for a dynamic and insightful panel discussion on the critical challenges and opportunities of integrating public policy and energy resilience in the face of global turbulence.

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Session 1

Thursday, July 3rd 10:15 to 12:15 (E2)

Relaunching Nuclear Energy in Times of Crisis: A Discourse Network Analysis of Nuclear Energy Policy in Italy

Claudia Mariotti (Università Roma Tre)

Paola Arrigoni (Università di Bologna)

Luca Germano (Università Roma Tre)

Andrea Prontera (University of Macerata)

Policy as Steps, Not Types: Explaining Divergent Outcomes in Southeast Asia's Feed-in-Tariff Policies

Liuyang He (LKY School of Public Policy, National University of Singapore)

From Challenges to Solutions: Advancing Thailand's Residential Energy Efficiency Policy

Passarin Petchamli (Chiang Mai University School of Public Policy)

Transboundary Haze in Chiang Mai and Southeast Asia and Energy Transition: Integrating Public Policy and Energy Resilience

Ke Liu (Chiang Mai University School of Public Policy)

(Virtual) A policy analysis of citizen-led renovation in France for addressing the complex interplay between climate resilience and equitable energy transition

Sophie NEMOZ (Université de Franche-Comté)