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## Special Issue

### *Energy Transition & De-carbonization: Optimal Coordination between Energy & Environmental Policy*

#### Guest Editors

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#### Overview

The energy transition is vital to tackle climate change and deliver sustainable development goals (SDGs) as well as achieve the different environmental agendas set by governments and firms around the world. The energy transition entails phasing out fossil fuels and non-renewable energy sources with sustainable and green low-carbon energy systems. This comes with many challenges, as the scope of effective energy transition that can facilitate the efforts to climate change is huge. It requires efforts at the local, national, and global levels where all the stakeholders, including the consumers, firms, governments, and supranational originations, play their part. The energy transition will require major structural changes in the energy system regarding energy production, supply, and consumption. Some of the traditional energy sources, including oil, natural gas, and coal, are to be completely replaced with renewable energy sources like wind and solar at all levels, from household to global.

While energy transition is paramount to tackling environmental challenges, many issues

are to be addressed. The transition to renewable and clean energy requires all stakeholders to play their part. Furthermore, energy security is an important issue that needs to be addressed to achieve a smooth and just energy transition at the global level. It will require that the economic and development policies, and regulatory framework, facilitate the energy transition for de-carbonization and sustainable development. However, we have a very understanding of addressing these challenges associated with the energy transition in both local and global contexts. Therefore, we need more evidence on how energy and environmental policies can facilitate the energy transition and how they can be optimally coordinated. This will reduce global reliance on non-renewable, ensure energy security, and deliver an effective energy transition. Since the “*Economics of Energy & Environmental Policy*” is a policy-oriented, important platform for an in-depth understanding of energy and environmental policy and challenges, including energy transition and energy strategy and the interface between energy and environmental economics, this is the most suitable venue for the dissemination of research on the subject. The contributions to the proposed special issue are expected to yield seminal findings in the field of energy and environmental policy for de-carbonization, energy security, and sustainable development, which will have a profound impact on a wide range of stakeholders, including energy and environmental policymakers.

### **Objectives and scope**

The objectives of this issue include providing a platform for research on optimal energy and environmental policy coordination for energy transition and de-carbonization while contextualizing the global efforts to tackle climate change. It will also focus on the issues around sustainable development goals (SDGs) in the context of energy and environmental policy and energy transition in developing and developed economies.

### **The special issue topics include but are not limited to**

- Energy transition and energy-environmental policy formulation
- Emission trading and energy policy for the energy transition
- Energy transition and environmental policy in the context of globalization
- Role of globalization and trade in facilitating energy transition policy
- Energy transition in developing countries and environmental policy
- Policy for reducing renewable energy costs and increasing energy transition
- Measuring the pace of energy transition for effective environmental policy
- Natural resources policy and energy transition
- Forecasting energy transition and implications for environmental policy
- High-efficiency energy resources and energy policy
- Private-public partnership in energy industries and energy transition
- Role of renewable energy in energy transition and optimal environmental policy

- Energy transition and the sustainable development goals
- Russia-Ukraine conflict effects on energy transition and environmental policy
- Russia-Ukraine conflict, energy transition, and global de-carbonization
- Energy and environmental policy coordination in the age of geopolitical conflict
- Changing energy development patterns and policy response
- Setting and achieving energy transition targets and optimal energy policies
- Diversity and inclusivity role energy transition and environmental policy
- Role of carbon tax policy in energy transition and de-carbonization
- Energy transition, carbon neutrality targets and energy policy
- Measurement of energy efficiency and its impact on energy transition
- Effectiveness of carbon pricing policy for the energy transition
- Technology and innovation policy and energy transition
- Indirect carbon policies for the energy transition
- Transportation policy and energy transition
- Geopolitical conflicts and implications for energy transition and de-carbonization

### **Editorial process**

The selected high-quality research paper submitted and presented at the Vietnam Symposium in Climate Transition 2023 (VSCT-2023) will be considered for publication in “*Economics of Energy & Environmental Policy*”. After the initial screening by the guest editors, the submissions will go through a rigorous double-blind review process. The editors will make the final decision on the compilation of referee reports. Only the submissions that are found to be internationally excellent in terms of originality, significance, and rigor will be considered for publication.

### **Schedule**

- Submission Start Date: 1 January 2024
- Submission Deadline: 31 March 2024
- Acceptance Deadline: December 2024

### **Article submission guidelines**

Manuscripts should be prepared according to the journal’s specific format. The complete guidelines are available at: <https://www.iaee.org/en/publications/eeepguide.aspx>