



## **Call for Papers: Environmetrics Special Issue on Climate and Sustainable Energy Econometrics and Statistics**

### **Guest Co-Editors**

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The special issue on Climate and Sustainable Energy Econometrics and Statistics invites contributions from academics and policy researchers to develop new econometric and statistical methods to be applied to climate, environmental, and sustainable energy problems and foster academic understanding and policy maker decisions.

Of particular interest, but without limiting the focus, are the following themes of interest:

1. Disentangling anthropogenic contribution to climatic change:
  - Investigate the anthropogenic impact on climatic change versus natural evolving patterns.
  - Explore the behavioral responses of individuals in the face of changing climatic conditions, emphasizing economic and financial implications.
2. Modelling the green transition
  - Examine the role of renewable energy in the transformative process for industrialized countries.
  - Investigate economic and financial implications associated with the transition to green energy and a carbon-free economy.
3. Understanding nonlinearities in climatic phenomena
  - Explore nonlinear aspects, such as tipping points, and identify structural breaks in intensity and variability.
  - Analyze signals of persistent or permanent changes in the natural environment using time series analysis and econometrics.
4. Novel methods and applications
  - Encourage applications ranging from modeling environmental and climatic phenomena, including temperatures, droughts, precipitations, storms, hurricanes, sea-level rise, ice sheet melting, and glacial dynamics, to disentangling anthropogenic and natural sources of radiative forcing.

Authors are invited to submit original research papers aligning with the abovementioned themes. Submissions can employ various methodologies, including but not limited to econometrics, statistics, and spatial analysis. Manuscripts should contribute significantly to the understanding of climate and sustainable energy challenges.

Authors should submit their manuscripts through the online submission system, adhering to the guidelines provided on the journal's website. All submissions will undergo the standard peer-review process.

The special issue is open, and everybody can submit, not only presenters at the [SIdE 4th Italian Workshop of Econometrics and Empirical Economics: "Climate and Energy Econometrics"](#), who are especially invited to contribute.

Expected Timeline:

- Call publication date: **February 2024**
- Submission opening date: **15 February 2024**
- Submission deadline (papers submitted to ScholarOne Manuscripts): **15 May 2024**
- First review closing date (manuscript decision): **September 2024**
- Final Decision date: **December 2024**
- Publication date: **February 2025**

We look forward to receiving your contributions.