

Special Issue of Energy Strategy Reviews (Elsevier): *Energy transition and decarbonisation pathways for the EU*

Full paper submission deadline: July 15th, 2017

Preface

This open access Special Issue is a peer-reviewed collection of results from the first meeting of the Energy Modelling Platform for Europe (EMP-E), held on May 17th and 18th at the premises of European Commission's DG Research. It brings together contributions by the EC-funded projects and European energy modelling groups participating in the event.

The Special Issue constitutes a peer-reviewed digest of models, approaches and policy insights for the assessment of energy transition and decarbonisation pathways in the European Union, vis-à-vis the Energy Union and the Strategic Energy Technology (SET) Plan. It provides academics and decision makers with a deep review of cutting-edge EU-focused energy modelling research.

The Special Issue is structured in two sub-sections:

- modelling tools and methodologies;
- case studies and policy insights.

The first section collects conceptual papers presenting models and methodologies employed (or reviewed) by the authors for the assessment of energy transition pathways in their modelling exercises. Contributions include descriptions of the models, their characteristics, the range of analyses they allow and an indication of their strengths and limitations (e.g. in a concluding section/critical review on limitations and potential future developments). Methodologies for cross-sectoral impact analyses through soft- or hard-linking of the models are also covered. Finally, original works on the approaches to scenario definition and analysis are collected.

The second section presents case studies highlighting policy insights and key messages which can be obtained with the different tools. The case studies are to have an EU focus with regional, national and sub-national representation and implications (or vice versa). This part of the Special Issue illuminates dynamics that EU and member state policy makers should have access to, to potentially inform engagements in the Conference of the Parties (COP23) as well as other milestone meetings.

Call for contributions

We hereby open the call for contributions to the Special Issue ***Energy transition and decarbonisation pathways for the EU***. We invite you to submit full papers and we ask your kind availability to ***review other contributions***, in order to ensure for all submissions a fast process through to the publication.

In line with the structure and concept of the Special Issue, papers are highly welcome in one of the following formats:

- Methodology article (up to 10-12 pages, but also 4-5 pages is welcome), describing your model and methodology;
- Case study (up to 4 pp, with supplementary material uploaded online), representing a relevant application and the insights obtained from it.

However, contributions are welcome also in the form of:

- Short review/Report review (1-5 pp);
- Analysis (up to 10-12 pp);
- Viewpoint/Energy visions (2-4 pp).

A description of the types of articles and instructions for the preparation of the manuscripts are available at:

https://www.elsevier.com/wps/find/journaldescription.cws_home/725839?generatepdf=true

Instructions for submission

The deadline for the submission of full papers is July 15th.

You can submit your contribution at the following link: <https://ees.elsevier.com/esr/default.asp>.

When you reach the 'Article Type' step in the submission process, make sure you select 'VSI: Decarbonisation pathways', as indicated in the screenshot below.

Important Information for Special Issue Authors.
If your paper is for a special issue make sure that you select the correct **Special Issue Article Type** using the drop-down menu below. Special Issue Article Types will have either 'Special Issue' or 'SI' in the name. Not selecting the correct Special Issue Article Type may mean your paper is not included in the special issue, if accepted. The **Guide for Authors** lists the journal's requirements. To read the **Guide for Authors**, click the link in the banner at the top of each page.

You may also view the [Tutorial for Authors](#) for help with each submission step.

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VSI: Decarbonisation pathways
Case study