



## Sustainable Management of Energy and Environment Based on Life Cycle Assessment

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Deadline for manuscript  
submissions:

**27 December 2024**

### Message from the Guest Editors

Dear Colleagues,

In order to keep global temperatures to within 1.5C, approximately 10Gt of CO<sub>2</sub> removal must occur every year up until 2050. This is mainly due to difficulties in reducing emissions in hard-to-decarbonise industries. These include Steel, Cement, Chemicals, Energy and power providers and infrastructure. This Special Issue is dedicated to quantifying the environmental and socio-economic performances of global CDR pathways. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- CO<sub>2</sub> mineralization;
- Ocean alkalinity enhancement;
- Soil carbon sequestration;
- Improved forest management, afforestation and reforestation;
- Coastal blue carbon;
- Biochar;
- Biomass energy with carbon capture and storage (BECCS) and Biomass with Carbon Removal and Storage (BiCRS);
- Direct Air Capture (DAC);
- Geological sequestration.

We look forward to receiving your contributions.





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## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

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## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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