

## Call for Papers on a Special Issue:

# The Energy-X-Nexus for Sustainable Futures and Human Security

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### Introduction to the Issue

Energy is vital for social and economic development, but the impacts of our conventional energy system are all too clear – local pollutant emissions, climate change and the consumption of large amounts of resources. Energy systems are highly interconnected with a variety of other key systems, and studies into these interactions are important to understanding the flow-on and consequential impacts of energy provision and utilisation. These form the energy-X-nexus, where “X” can be water, resources, food, environment, or a variety of other systems or flows that interact with or contribute to energy systems (including multiple categories – e.g. energy-water-food-land-nexus).

In this special issue, we seek papers that investigate these various nexuses from the theoretical or practical perspective. Any “X” is welcome. Importantly, we wish to examine how such nexus studies and their implications relate to or influence sustainable futures and human security.

**Keywords:** energy; nexus; renewables; resources; water; land; minerals.

### 1. Paper types and example topics

Papers ranging from literature reviews of existing documents, to case studies, or novel research on long-term sustainability aspects are welcome. Topics of interest in this special issue include, but are not limited to:

- Literature reviews of policy approaches, models, regulatory frameworks, and other academic literature
- Specific case studies of energy-X-nexus modelling and implications
- Comparison of separated versus integrated considerations of “Energy” and “X”
- Policy approaches to incorporate the non-energy implications of energy systems
- Energy system transitions and their implications or limitations

Importantly, submissions should include a discussion of how the research relates to sustainable development and considerations of human security.

### 2. Important Dates

**Full Paper Deadline:** 30 June, 2020

Full papers should be submitted via the online submission system.

#### Optional Abstract Pre-submission:

Authors considering submitting are encouraged to submit an abstract to the special issue editors by e-mail.

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**Official publication of the issue:** 30 October 2020.

Papers will be published online at the journal website.

### **3. Features of this special issue**

**Professional, strict review:** the manuscripts will all be reviewed by reputed scholars in the field of energy policy/management, or sustainability science.

**Quick review:** the editors will endeavour to provide a first review within one month of submission.

**Open access:** J-Sustain is a free to publish, free to read journal. You are also free to upload a copy into any repository.

**Instant online access:** once accepted, each paper will be immediately uploaded onto the website of the journal, to ensure rapid access.

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