

## Call for Paper Abstracts

# 1.5°C Climate Change and Social Transformation

Special Issue in  
*Current Opinion on Environmental Sustainability*  
Issue 2: 2018

Special Issue Guest Editors:  
Bronwyn Hayward, University of Canterbury  
Linda Sygna, University of Oslo

### Introduction to the Journal

Current Opinion in Environmental Sustainability (COSUST), <http://www.journals.elsevier.com/current-opinion-in-environmental-sustainability>, is a young, international journal with a dynamically growing impact, with a present **impact factor of 4.7**. *Current Opinion in Environmental Sustainability* aims to stimulate scientifically grounded, interdisciplinary, multi-scale debate and exchange of ideas. It contains concise and timely *review* and *synthesis* papers. COSUST aims to commission a mixture of perspectives and disciplines, but the quality of the review is paramount.

### Ambition and Objective of the Special Issue

COSUST will develop and publish a special issue on the subject of 1.5°C climate change research and social transformation. One of the key purposes of the special issue is to directly support the assessment process for the IPCC's Special Report on Global Warming of 1.5°C with literature specific to this climate target. COSUST invites papers that review social, political and cultural transformations and the implications for mitigation and adaptation aspects of a 1.5°C increase in global temperature. Priority will be given to short, authoritative review articles of 2000-3000 words that explicitly include a 1.5°C perspective.

### Securing of Manuscripts

The co-editors of the issue invite prospective authors to submit proposals for papers in the form of a précis. The précis should include a tentative manuscript title, an author list with contact information, the rationale of the paper in the context of the 1.5°C climate change discourse, key sub-areas to be covered, key realms of literature to be reviewed/assessed, provisional main messages. **The précis should not exceed 2 pages and is to be submitted to [linda.sygna@sosgeo.uio.no](mailto:linda.sygna@sosgeo.uio.no), [bronwyn.hayward@canterbury.ac.nz](mailto:bronwyn.hayward@canterbury.ac.nz) & [wdssolecki@gmail.com](mailto:wdssolecki@gmail.com) by 15 March 2017**

### Process

The review process will be facilitated through the COSUST review website. A minimum of two external reviews will be solicited per manuscript. *Authors submitting papers to the special issue agree to serve as a reviewer for one or two papers, and submit these in time, in*

---

<sup>1</sup> Intergovernmental Panel on Climate Change

*case their expertise is needed.* Authors will be notified by ??? about an invitation to submit a paper to be considered for review in the special issue. All invited manuscripts will undergo regular merit review.

### Types of manuscripts

COSUST publishes short review and synthesis papers, with manuscripts ranging from 2000 to 3000 words. The COSUST special issue on 1,5°C and social transformation invites articles short, authoritative review articles of 2000-3000 words that explicitly focus on changes to achieve 1.5°C in the context of strengthening sustainable development, alleviating poverty and reducing inequality.

### Timing

Given the time frame for literature to be assessed in the IPCC 1.5°C Special Report, we expect the publication schedule to be fast tracked and the issue available in the first quarter of 2018. In this context, extensions to deadlines cannot be granted.

### Deadlines

<b>Due date for précis</b>	<b>15 March , 2017</b>
Final manuscripts due	<b>15 August , 2017</b>
Final, revised papers due	January, 2017
<b>Publication</b>	<b>April 2018</b>

### Examples of potential paper topics particularly welcomed by co-editors

Sustainable development pathways that significantly strengthen responses to the threat of climate change and support the achievement of 1.5 °C target
Critical social assessments of adaptation and mitigation responses that transform patterns of greenhouse gas emissions across a variety of political and social scales
Transformation of human behavior, particularly consumption and production patterns to reduce greenhouse gas emissions and the implications for equity and social justice
Enabling conditions that encourage rapid, far reaching social and economic changes consistent with a 1.5 °C world, including the implications for efforts to eradicate poverty.
Critical assessments of the political, cultural, and institutional barriers to effective social, political, and cultural transformation to a 1.5°C world, as well as ways to bypass such barriers.
Case studies of policy implementation to limit warming to 1.5°C and support the sustainable development goals.
The role of the arts and humanities in promoting societal change, particularly in relation to the 1.5°C narrative.
The role of youth activism in realizing the 1.5°C target and the ethical implications of failing to limit climate change risks.