

## Special Issue

# Sustainable Forest Management to Address Climate Change and Forest Disturbances

### Message from the Guest Editor

The sustainability of forest ecosystems in the 21st century will be threatened by the direct effects of climate change. Climate change is also expected to increase the incidences and severity of disturbance agents such as fire, insect pests, and fungal pathogens. This Special Issue welcomes studies that consider biophysical, social, economic, or interdisciplinary perspectives of forest sustainability to address the management challenges posed by climate change and forest disturbances. In particular, this Special Issue will include papers that examine one or more of the following general themes of sustainable forest management: mitigation of climate change and inventories of forest carbon sequestration; historical impact of climate on forest productivity; maintenance of forest ecosystem health; adaptive forest management; conservation of forest diversity; forest optimization and other decision making frameworks; forecasting forest productivity under different emission scenarios of climate change; and development and utilization of bioenergy or forest products derived from forests impacted by climate change and disturbances.

---

### Guest Editor

Dr. Steve Chhin

School of Natural Resources and the Environment, West Virginia University, Morgantown, VA 26505, USA

---

### Deadline for manuscript submissions

closed (31 July 2021)



Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/38000](https://mdpi.com/si/38000)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



# About the Journal

## 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

---

## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

---

## Author Benefits

### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)