



## Impacts of Climate Change on Global Food System

Guest Editor:

**Prof. Dr. Netra Chhetri**

School for the Future of  
Innovation in Society, Arizona  
State University, P.O. Box 875603,  
Tempe, AZ 85287-5603, USA

Deadline for manuscript  
submissions:

**closed (15 December 2018)**

### Message from the Guest Editor

Recent studies have indicated that the global food system over the next 40 years will experience significant pressure due to convergence of multiple factors, including population growth, low public-sector investment in agriculture, practice of traditional farming activities, lack of access to inputs and credits, volatility of food market, and unequal land distribution. Any one of these factors will likely pose significant challenges, but together they constitute a major threat to food security. Overarching all of these issues is the impending threat associated with the uncertainty of changing climate and its consequences in global and regional food production. Understanding potential consequences of climate change to food production is a useful precursor to assessing impacts and adaptation needs for future. The papers in this Special Issue will build on the insight that effective responses to climate change require careful assessment of the impacts and draws attention to the broader adaptive practices. More specifically, we encourage case studies that shed light on best practices of climate adaptation in response of food security.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Sergio Ulgiati**

1. Department of Science and  
Technology, Parthenope  
University of Naples, Centro  
Direzionale, Isola C4, 80143  
Napoli, Italy  
2. School of Environment, State  
Key Joint Laboratory of  
Environment Simulation and  
Pollution Control, Beijing Normal  
University, No. 19 Xijiekouwai  
Street, Beijing 100875, China

## Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [PubAg](#), [AGRIS](#), [GeoRef](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

## Contact Us

---

*Environments* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/environments](http://mdpi.com/journal/environments)  
[environments@mdpi.com](mailto:environments@mdpi.com)  
[X@Environ\\_MDPI](#)