Special Issue

Remote Sensing and Monitoring Data for Boosting Crop Yields and Mitigating Air Pollution

Message from the Guest Editors

We are pleased to announce the call for papers for a Special Issue on "Remote Sensing and Monitoring Data for Boosting Crop Yields and Mitigating Air Pollution" in Atmosphere. This Special Issue aims to highlight the contributions of remote sensing and monitoring technologies to enhance crop yields while addressing the critical issue of air pollution. We welcome submissions that focus on remote sensing techniques for environmental quality and yield prediction, monitoring systems for sustainable development, and the impact of environmental changes on agriculture and crop productivity.

Researchers are also encouraged to present reliable methodologies utilizing remote sensing data, such as satellite imagery and ground-based sensors, to monitor ecological and environmental changes, estimate yield potential, and predict air quality. Contributions from monitoring programs, field experiments, new technologies of remote sensing, and associated laboratory/modeling studies are all welcome. By participating in this Special Issue, researchers will have the opportunity to share their latest advancements, exchange ideas, and foster collaborations in the fields.

Guest Editors

Dr. Jun Li
Dr. Zhen Chen
Dr. Zhixiong Li

Deadline for manuscript submissions

closed (10 May 2024)

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About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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