



Fire and the Atmosphere

Guest Editor:

Dr. Scott L. Goodrick
Center for Forest Disturbance
Science, USDA Forest Service,
Athens, GA 30602, USA

Deadline for manuscript
submissions:

closed (15 April 2018)

Message from the Guest Editor

Dear Colleagues,

Fire is an integral component of many ecosystems. However, fire also poses a growing threat to human lives and property. The role of fire management is to maintain the ecological benefits of fire while minimizing the adverse impacts of fire on society. The atmosphere plays a critical role in fire management as it is a key driver of fire acting through an array of coupled processes spanning a wide range of space and time scales. The focus of this Special Issue is to explore the atmosphere's role in a range of fire related topics including fire spread, fuels, climate change, fire behavior, smoke, fire weather and fire climate. Manuscripts based on field studies and/or modeling from around the world are welcome. The goal for the issue is to extend fire and forest meteorology science, as well as offer applied concepts for fire management practitioners.

Dr. Scott L. Goodrick
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Daniele Contini

Institute of Atmospheric Sciences
and Climate (ISAC), National
Research Council (CNR), Str. Prv.
Lecce-Monteroni km 1.2, 73100
Lecce, Italy

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!

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank: CiteScore - Q2 (*Environmental Science (miscellaneous)*)

Contact Us

Atmosphere Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/atmosphere
atmosphere@mdpi.com
[X@Atmosphere_MDPI](https://twitter.com/Atmosphere_MDPI)