

Special Issue

Meteorology, Climate and Severe Storms in the Mid Atlantic

Message from the Guest Editor

The Mid-Atlantic region of the U.S. (extending from New York southward to North Carolina and from New Jersey westward to West Virginia) is known to experience a very diverse climate and a tremendous variety of weather systems. These include (but are not limited to)

Nor'easters, heavy snow and ice storms, landfalling tropical cyclones and hurricanes having undergone extratropical transition, severe local storms, including occasional derechos, supercells, and tornadoes, and cool-season HSLC (high shear–low CAPE) storms. Certain forecasting challenges are inexplicably tied to the complex geography, including Appalachian cold air damming, backdoor fronts, terrain-locked flash flood events, and northwest flow (upslope) snowstorms. We are hereby issuing a call for papers to address the analysis and forecasting aspects of both the meteorology and the climate of this unique physiographic region, including the societal impacts on the tens of millions in this region facing daunting weather extremes across all seasons.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2019)



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About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

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