



## Weather Forecasting and Modeling in Drylands

Guest Editor:

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Deadline for manuscript  
submissions:  
**closed (26 June 2020)**

### Message from the Guest Editor

Dear Colleagues,

As populations in desert areas increase and global warming exerts more stress on dry climate systems, the need for better numerical weather prediction products becomes more critical.

The open-access journal *Atmosphere* is hosting a Special Issue motivated by the need to have a compendium of review studies and research papers with original results considering weather forecasting and modeling in drylands. Authors are encouraged to consider assessments of the accuracy, uncertainty, and error structures exhibited by weather forecasting models. Of particular interest for this Special Issue are studies revealing models' challenges specific to drylands and presenting new developments to overcome them. This is an appropriate venue for papers that deal with reducing the gap of our understanding of the arid and semi-arid physical processes and that provide guidelines to tailor and extrapolate weather forecasting models for drylands.

Dr. John F. Mejia  
*Guest Editor*





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## Editor-in-Chief

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## 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

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