Special Issue

Climate Change and Its Effects over Spain

Message from the Guest Editors

Climate change poses a number of risks that affect the world, which in recent decades have been hit by extreme weather events. It is expected that, in the coming decades, the temperature will rise throughout Spain by between 2 and 4 °C and that there will be slight changes in the amount of precipitation accumulated annually, albeit with more concentrated precipitation events over time, as well as increasingly intense extreme phenomena. In other words, events such as heat waves, droughts, extreme precipitation, etc., will occur more frequently, considerably increasing the socio-economic risk associated with their presence. In order to assess climate risk, it is necessary to define it according to the degree to which climate impacts affect the sector being estimated. In this sense, it is necessary to bear in mind that Spain is one of the regions most vulnerable to climate change and that the impact of climate change does not affect all regions or sectors homogeneously in the same way. This Special Issue invites contributions describing the effects of climate change in Spain on sectors, addressing new methodological aspects and adaptation approaches.

Guest Editors

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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!

Editor-in-Chief

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