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Adaptation of Cyprus Agriculture to Climate Change

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Deadline for manuscript submissions:
closed (1 December 2020)

Message from the Guest Editors

Dear Colleagues,

For Cyprus, the climate change impacts refer to a continual, gradual, and relatively strong warming, combined by prolonged drought periods and the reduction of annual precipitation. Even though the agricultural sector in Cyprus is already facing a water shortage, climate change is expected to cause vital problems regarding groundwater quality and quantity in the future, such as increased water demand for irrigation, decreased water availability, and the deterioration of water quality. Furthermore, another major problem in the coastal agricultural areas of the island is the overexploitation of groundwater, which leads to the penetration of sea water into the aquifer, resulting in the salinization of soils, which leads to a reduction in crop production, and soil fertility degradation.

The Special Issue of ''Adaptation of Cyprus Agriculture to Climate Change'' has the clear purpose of providing, in a scientific way, real cases of how Cyprus' agricultural sector is being affected by climate change while at the same time providing solutions by adapting to the new climatic conditions.

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Dr. Marinos Markou
Guest Editors

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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!

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