



Dear Colleagues,

Over the past centuries, the Earth's climate has been changing due to a number of natural processes, such as gradual variation in solar radiation, meteorite impacts and, more importantly, sudden volcanic eruptions in which solid matter, aerosols and gases are ejected into the atmosphere. Ecosystems have adapted continuously to these natural changes in climate, and flora and fauna have evolved in response to the gradual modifications to their physical surroundings or have become extinct.

Human beings have also been affected by and have adapted to changes in climate. Over the past century, however, human activities have begun to affect the global climate. These effects are due not only to population growth, but also to the introduction of technologies developed to improve the standard of living. Human-induced changes have taken place much more rapidly than natural changes. Mankind will certainly respond to these changing conditions by taking adaptive measures such as changing patterns in land use.

Agriculture is a human activity that is intimately associated with climate and climate change is an additional problem that agriculture has to face in meeting global and national food requirements. This recognition has prompted recent advances in the coupling of global vegetation and climate models.

In this context, the 4<sup>th</sup> World Agriculture and Climate Change Conference invites all the Experts and Researchers in this field to present the results of their activities and provide a platform to share and discuss the different causes and effects of Climate Change on Earth.

Looking forward to meet you all and have a great collaboration in Rome.

Yours  
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