Mitigation involves the reduction in emissions of any greenhouse gases that contribute to climate change. Carbon dioxide is generally used as the base case to which all other gases are compared, as is the case with carbon offset programmes. However, methane, for example, contributes to climate change much more per molecule than carbon dioxide. Adaptation involves responding to the changes induced as a result of climate change. Adaptation can be reactive or anticipatory. Where possible, anticipatory actions will provide the most cost-effective response to reduce risk. Impact assessment can play an important role in identifying both potential contributions to greenhouse gas emissions and possible adaptation responses to climate change. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of climate change adaptation.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring climate change adaptation. Potential topics include, but are not limited to:

- Practice Energy efficiency
- Greater use of renewable energy
- Efficient means of transport implementation
- Carbon tax and emissions markets
- Landscape restoration (natural landscape) and reforestation
- Flexible and diverse cultivation to be prepared for natural catastrophes
- Research and development on possible catastrophes, temperature behavior
- Preventive and precautionary measures

Authors should read over the journal’s For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal’s Paper Submission System.

Please kindly specify the “Special Issue” under your manuscript title. The research field “Special Issue - Climate Change Adaptation” should be selected during your submission.

Special Issue timetable:

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