



Global Climate Change: What Are We Doing to Mitigate Its Effects

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Message from the Guest Editor

Dear Colleagues,

Planet Earth requires help. Greenhouse gas emissions continue raising the planet's temperature as it warms, collects, retains, and dumps more water, changing weather patterns and making wetlands wetter and drier areas drier. Rising sea levels will have catastrophic effects on cities like New York, Mumba and Sydney. Deforestation of tropical forests has resumed growth and the world economy remains heavily addicted to the use of fossil fuels and other unsustainable practices of consumption and development. Less fresh water available and warming sea water are expected to have a catastrophic effect on phytoplankton, where 4/5 of global photosynthesis is produced, consuming atmospheric CO₂. To try to stop global warming we must change our habits. More efficient and less polluting transport routes, the recovery of deforested areas and fewer pollutants industries are some of the strategies. However, the world population growth rate is 1.1% and is expected to reach 9.7 billion inhabitants in 2050.

We look forward to receiving your contributions.

Dr. Marcelo Francisco Pompelli
Guest Editor





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