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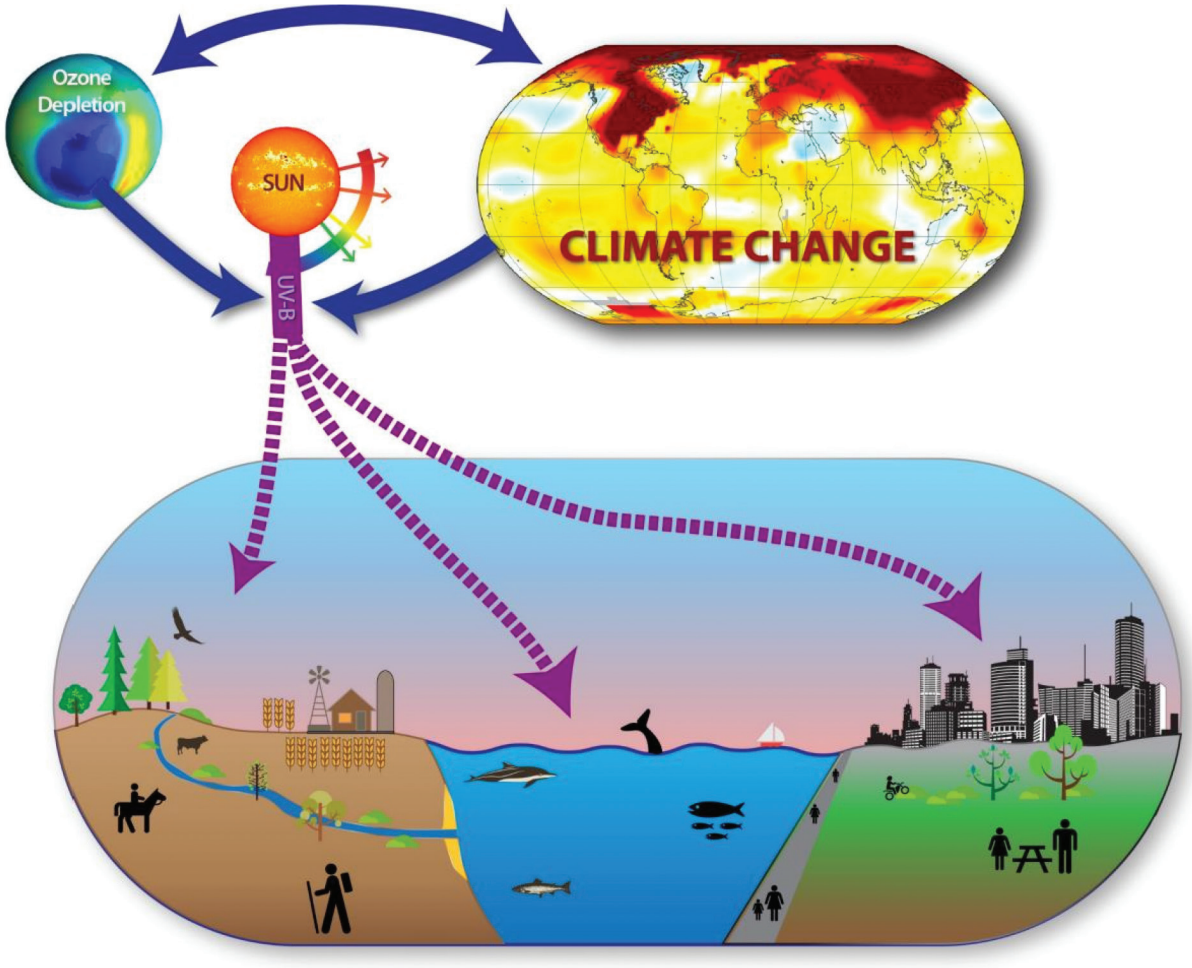
Editorial

The passive housing strategies that are designing and constructing homes to enhance the energy efficiency to reduce the traditional heating or cooling systems are to be adopted to cope up with the extreme weather conditions due to climate change along with rapid increase in population and the energy needs. This is linked to fuel consumption and emissions with deployment of Auxiliary Power Units (APUs) in the neutral position (R-H) to achieve sustainability and improved fuel economy. The impacts are slightly neutralised if the rapid agroforestry efficient cultivation systems are developed that will enhance nitrogen levels in the soil and promote the carbon storage.The climate change in the coastal and ocean environment is driving the ocean warming and acidification due to enhanced greenhouse gases particularly, the uptake of CO_2 that are harming marine life. Hence there is an urgent need to establish ethical data gathering methods, implement standardised communication protocols, and address privacy concerns by examining the challenges, concerns, and potential of integrating Cloud IoT. All these contemporary aspects are covered in the seven papers in this issue. I hope readers will enjoy the content.

Happy reading.

June 12, 2024

(AL. Ramanathan)
Editor-in-Chief



Source: Environmental Effects and Interactions of Stratospheric Ozone Depletion, UV Radiation, and Climate 2018 Assessment Report Semantic Scholar.

Contents