

The Need for Urgent Hot Climate Mitigation Research

With a number studies show that the Middle East could become inhabitable in a couple of decades

- <https://foreignpolicy.com/2021/08/24/the-middle-east-is-becoming-literally-uninhabitable/>
- <https://edition.cnn.com/2022/08/19/middleeast/climate-change-heat-humidity-mime-intl/index.html>
- [https://earth.org/factors-causing-middle-eastern-countries-to-become-uninhabitable/ \)](https://earth.org/factors-causing-middle-eastern-countries-to-become-uninhabitable/)

it would be great if governments in the region would among their other scientific research priorities, consider promoting hot climate mitigation research.

This is especially so as the air conditioning devices we resort to, to keep ourselves cool in the face of rising global temperatures are very energy intensive, they have an atmospheric heating effect and the gases used in them have an ozone layer depleting effect.

A first line of research that I would like to suggest, is in the area of efficient evaporative cooling devices to replace the regular air conditioner. These are more environmentally friendly, they are more energy efficient, do not use ozone depleting gases and also do not lead to a warming of the atmosphere.

I believe that governments in the region should view this as a national priority and determine to promote research in the area the same way that the US, the Chinese and governments in other advanced countries around the world, identify and pour research funding into fields they consider of strategic national importance.

The findings from such research will be a very welcomed contribution from the region to the global efforts to mitigate the effects of climate change.

Wishing you and your team all the best in the great job you are doing in promoting the global SDGs efforts.

I will be very glad to contribute further in advancing the efforts.

Best regards

Toyin Oyewole
SDG enthusiast & Co-Founder
Internet Technologies Limited
+234 80 3726 1004