Global Trend

Climate change is causing widespread effects on public health, including more frequent and severe heatwaves, extreme weather events, air pollution, and the spread of infectious diseases. These impacts are projected to worsen in the coming years, and low-income communities and vulnerable populations are at the highest risk of harm. I consider this trend to be of great importance because it poses a significant threat to the health and well-being of individuals and communities worldwide. The consequences of climate change are vast, ranging from increased rates of chronic diseases to more frequent natural disasters, which can lead to displacement, food insecurity, and mental health problems. For example, the big earthquake happened in Turkey a few days ago, what a pity!

To prevent or ameliorate the impacts of climate change on public health, significant resources and action steps are needed, including the adoption of more sustainable practices and policies, the investment in renewable energy and green infrastructure, the implementation of effective public health campaigns to raise awareness and encourage behavioral change, and increased funding for research and development. The likelihood of implementing prevention steps depends on various factors such as political will, financial investment, and public engagement. There are already efforts underway by governments, NGOs, and private entities to mitigate the effects of climate change on public health. However, more significant efforts are needed to accelerate these actions and ensure a sustainable future for generations to come.

Gangao Chen 2/13/2023

References:

- 1. Watts N, Amann M, Arnell N, et al. The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. Lancet. 2019;394(10211):1836-1878.
- 2. Haines A, Ebi K, Smith KR. Health risks of climate change: act now or pay later. Lancet. 2014;384(9948):1073.
- 3. United Nations Framework Convention on Climate Change (UNFCCC). Climate Change and Health.

https://unfccc.int/process-and-meetings/bodies/constituted-bodies/intergovernmental-negotiating-bodies/cop-26/side-events/health. Published 2020.