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Global Trend: Sea level rising

According to the United Nations climate change indicates a long-term pattern alteration that result in fluctuations. Therefor the increasing rising of the Sea level is considered a global issue. Since the 19th century, sea level has risen by approximately 20cm. This increase is a direct cause from humans with the increased usage of greenhouse gasses and the burning of fossil fuels which increased the CO₂ levels. By the end of the century the sea level could rise to 1 meter threatening the livelihoods of people living by the coast and low-lying areas around the world.

This issue to me is greatly important to me as I am from a coastal town from Jeddah, Saudi Arabia directed right by the Red Sea, and we are predicted to be in danger of being flooded because of the increase level of sea level rising. This is also important because of the consequence it will have on the economic and ecological impact on the planet. Sea level rise will result in frequent flooding, loss, or damage to habitats like the coral reefs and damage to infrastructure and property. These can have an economic impact especially to developing countries which can lead to displacement and migration.

A range of actions can be taken to ameliorate sea level rise at the global, national, and local level. At the global level to reduce greenhouse gas emissions through the transitioning to renewable energy sources. At the national and local level to build coastal defenses like sea walls and elevating infrastructure and buildings while improving water management and land-use planning to reduce risk of flooding. The implementation of these prevention steps is always uncertain due to the political climate and international cooperation. However, during the COP27 conference in Egypt in 2022, we can hope we are going in the right direction to fight off climate change.

References:

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