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With the gradual increase of global temperature, scientists have discovered that the ice in the north and south poles is gradually melting. As the glaciers melt, the sea level is also gradually increasing. Even the rising temperature has caused the moisture in the air to increase, and the frequency of rainstorms has also increased. It is difficult to see in previous years. The frequency of disasters has gradually increased, such as floods caused by heavy rains in Henan, China. Moreover, coastal areas around the world are most likely to cause heavy casualties and even cause the spread of diseases when they are ravaged by floods. Therefore, when climate change cannot be completely suppressed, it is most important to actively deal with the problems brought about by one flood.

Flood prevention can optimize the municipal underground water pipeline system and drainage system, and separate rainwater through sewers, which can reduce the possibility of storms turning into floods to a certain extent. In addition, creating flood zones and overflow zones for rivers plays an important role in flood prevention, water resource management and nature conservation. Proposals on building a "sponge city" have been frequently mentioned in recent years, but these measures require a lot of manpower and material resources, and are time-consuming, but the effect after improvement will be very great. In addition, starting from the individual, use more clean energy vehicles or walk, and promote a green lifestyle. It's also the easiest to implement. Nowadays, more and more electric vehicles are beginning to replace gasoline vehicles, and bicycle travel has become common.

Reference:

1. Wavin. 10 measures to prevent (urban) flooding. Wavin. Published August 26, 2016.

<https://www.wavin.com/en-en/News-Cases/News/10-measures-to-prevent-urban-flooding>

2. Flooding - Flood Intervention. science.jrank.org. Accessed February 14, 2023.

<https://science.jrank.org/pages/2756/Flooding-Flood-inteWavin>.