

I chose climate change and the environment because it is one of the most pressing global challenges today. Current climate change refers to the changing climate on the earth, which is caused by human activities, such as massive emissions of greenhouse gases and excessive exploitation of natural resources. Environmental problems include ecosystem destruction, species extinction, air pollution, water pollution, etc.

The impact of climate change on the environment is profound. Rising temperatures due to global warming have made rising sea levels and extreme weather events more frequent and intense. These extreme events include droughts, floods, storms and wildfires, all of which are extremely damaging to the environment. At the same time, climate change has also led to climate regional shifts and ecosystem changes that affect land use, food security, and water sustainability.

With the intensification of climate change, a variety of environmental problems have emerged around the world. One of them is air pollution. Air pollution mainly comes from activities such as transportation, industry and energy production, and it has a great negative impact on human health and environmental ecosystems. In addition, water resources is also an area that is greatly affected by climate change and environmental issues. Water pollution and the unbalanced distribution of water resources have led to water crises in many parts of the world.

Another aspect of environmental issues is land quality. Over-cultivation and pollution of land have led to the destruction of ecosystems, reducing agricultural output and ecosystem stability. The destruction of forests and the degradation of grasslands have also made the quality of land worse and worse, which has had a major impact on ecosystems and economic development.

To address climate change and environmental issues, governments and civil society organizations are taking various actions. Among them, the most important is to reduce greenhouse gas emissions. Greenhouse gases are mainly produced by activities such as energy production, transportation, industrial production and land use. Therefore, measures such as energy conservation and emission reduction, enhancement of energy efficiency, and promotion of renewable energy can reduce greenhouse gas emissions. In addition, the government should also promote a green economy and strengthen the protection and restoration of the environment, including afforestation and marine protection.

In addition, we should also reduce our impact on the environment through our own actions. For example, reduce energy consumption, encourage the use of public transport, choose environmentally friendly products, reduce meat intake, etc.

In conclusion, climate change and environmental issues are one of the biggest challenges facing the world. We need to take global action to reduce greenhouse gas emissions and protect the environment to ensure the sustainable development of the earth and the survival of human beings.

"5 ways WWF helped fight the climate crisis in 2022"

"Pushing policy forward"

"In 2022, we saw the hard fought but unexpected triumph of the [Inflation Reduction Act](#), signed into law by President Biden in August. This is the most significant climate legislation in a generation, supplying close to \$400 billion to promote renewable energy and electric vehicles, boost clean energy manufacturing, and advance climate justice by investing in communities disproportionately harmed by climate change along with leveraging the ecosystems they depend on. By enabling the reduction of a billion tons of carbon dioxide through a combination of avoiding emissions and carbon interventions,

the Act will give the US a fighting chance at keeping emissions at a level that would avoid the most catastrophic climate impacts."

"Implementation in the corporate community"

"With its founding role in the Science Based Targets Initiative, a collaboration that helps companies set emission reduction targets in line with climate science, WWF has long been involved with efforts to promote target-setting for the private sector. In 2022, that work was expanded with the creation of science-based net zero targets for landowners through the Forests, Land and Agriculture targets initiative. WWF's position as a trusted voice advocating for sustainability with the corporate sector also led to the creation of the Climate Business Network, a network of companies looking to share knowledge and discuss obstacles to reaching net-zero climate targets. In the industrial sector, the Renewable Thermal Collaborative released its game-changing Vision Report. The report, created in partnership with the consulting group BCG, provided first-of-its-kind insight into exactly how to achieve quick wins in six different segments of heavy industrial emissions by examining specific industrial processes, their temperature needs, and available technologies."

"COP27: International climate talks"

[WWF was well-represented at the 2022 United Nations Climate Change Conference, or COP27](#), participating in scores of events, including creating an action center for America Is All In, the largest coalition of non-federal climate leaders in the US. While WWF's participation was robust and successful, the overall outcomes at COP27 were a mix of successes and frustrations. On a positive note, historically high-emitting countries agreed to a new funding vehicle to address loss and damage in developing countries. On the other hand, there was a general lack of commitment to ambitious mitigation targets. WWF will be in Dubai next year at COP28 to continue to advocate for ambitious climate action at all levels."

"America Is All In"

"America Is All In also released a new analysis showing how an all-of-society climate strategy can enable the US to meet its 2030 climate target. This is in addition to its campaigns on encouraging green buildings and climate smart transportation, and its [storytelling initiative](#) – showing how All In members are stepping up to the challenge of climate change."

"Adaptation and resilience"

"In 2022, a report from the Intergovernmental Panel on Climate Change, the United Nations body for assessing the science related to climate change, confirmed that climate risks to people and nature are worse and increasing faster than anticipated. To address this growing challenge, WWF saw major investments in its resilience programming this year. Apple made a major commitment to WWF's Climate Crowd to help vulnerable rural communities adapt to climate change and reduce pressure on nature. USAID is providing \$2 million to support environmentally responsible disaster management in Fiji and Madagascar, while a partnership with OECD is helping the Philippines and Indonesia integrate climate risk management and natural capital into infrastructure planning. And The Coca Cola Company has renewed its commitment to invest in building landscape-level resilience in Mexico and Pakistan."

"As 2022 winds down and 2023 begins, WWF's climate team remains determined and will continue to look for the strongest ways to make progress and raise ambition alongside our partners. Climate change is a planet-wide problem and the solutions require all of us to be engaged. We must address the climate crisis together, and we must do it now."

<https://www.worldwildlife.org/threats/effects-of-climate-change>