

Yemen reduced carbon emissions

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For nearly a decade, Yemen has struggled with protracted crises, touching nearly every aspect of life in the country, from food production to the stability of household incomes.

As Yemenis continue to navigate daily challenges, the effects of today's actions on future generations must also be considered. Yemen is one of the most vulnerable countries in the world to climate change, yet there is growing awareness that actions must be taken to preserve the environment and reduce related risks.

Climate change mitigation is a key area that UNDP is focused on, with various projects and programmes to combat climate change and help support environmental conservation across the whole of Yemen. These interventions are in line with the theme for World Environment Day 2024:

In 2023, UNDP Yemen commissioned the study *The Impact of Climate Change on Human Development in Yemen* to better understand the challenges and risks facing the environment, and as a result, humankind, in Yemen.

The study, released in December 2023, identified crucial needs, and introduced effective interventions, to reduce the risks of climate change in Yemen, helping to protect the environment for generations to come.

The report presented several findings and projections that illustrate the possible scenarios that will be inevitable if action against climate change is not taken.

In the long run, climate change in Yemen will adversely affect the health and nutrition of the population with climate change being responsible for over 121,000 deaths by 2060.

Projections estimate that a cumulative figure of \$93 billion in gross domestic product (GDP) will be lost through 2060 if there is no action taken against climate change in Yemen.

Climate change has affected many areas across Yemen, and most notably excessive flooding in recent years is creating tremendous challenges for farmers.

UNDP Yemen's Strengthening Institutional and Economic Resilience in Yemen (SIERY) Project was able to provide a total of 32 rainwater tanks in Al-Haymah, Al-Kharijiha and Manakaha.

While our Emergency Social Protection Enhancement and COVID-19 Response Project (ESPECRP) has rehabilitated more than 56.6 kilometres of water supply.

Our Food Security Response and Resilience Project (FSRRP) constructed and improved over 20 kilometres of



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irrigation canals, and the irrigation of nearly 5,300 hectares of agricultural lands. The project provides support to restore degraded agricultural land, improving water resource management, and promoting climate-smart agricultural practices. Interventions are combating climate change and environmental degradation together with enhancing food security in the country, ultimately restoring nearly 4,000 hectares of farmlands.

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