

The experience of Ukraine with the preparation of its 2030 Environmental Security and Climate Change Adaptation Strategy

GALYNA TRYPOLSKA

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Climate change in UA in 2021

Dangerous weather phenomena:
severe floods, droughts, storms,
extremely hot days, fires.

30 emergency situations caused by
nature.

1-day heavy rain in Chernivtsi region:
loss of infrastructure at EUR 9.25
million;

Ten days of heavy rain in Zakarpattia
region: loss of infrastructure at EUR 5.9
million.



Risks to national security caused by climate change

Increase in economic losses and the number of people suffering from extreme weather events

Significant water shortage due to a decrease in water resources, aggravated by an increase in water use

Growing economic losses and the number of people suffering from extreme heat

Increase in the scale of natural disasters

Threat to food security

Loss of biodiversity

Drying and damage of forests, deterioration and loss of ecosystems

Loss of territories due to flooding of coastal areas

CC Adaptation: legislative preconditions

2017 – Concept of implementation of state climate policy until 2030

2017 – Action Plan for implementation of the Concept of implementation of state policy in climate change until 2030

2020 - The draft strategy for the adaptation of agriculture, forestry and fisheries

2020 - Decree of the President of Ukraine No. 392 "On the decision of the National Security and Defense Council of Ukraine dated Sep 14, 2020 "On the National Security Strategy of Ukraine"

Nov 2020 – beginning of Strategy development.

21 Oct 2021 – adoption of Environmental Security and Climate Change Adaptation Strategy of Ukraine until 2030 and Operation Plan for 2021-2024

2022 – development of framework recommendations on climate risks and vulnerability assessments for vulnerable sectors

The sequence of actions

Technical support (draft document development, working group coordination) - EU/UNDP EU4Climate project

A working group of 150+ representatives of ministries, scientific institutions, NGOs, business associations, and experts in various fields was created.

Nine meetings of the Working Group were held in November 2020 - February 2021.

Work on the document was in online mode; public register of proposals.

Public consultations with Ministries.

Vulnerable sectors & natural components in UA

Coastal areas;

Biodiversity;

Water resources;

Energy;

Public health;

Forestry;

Cities and territorial communities;

Fisheries;

Agriculture and soils;

Transport and infrastructure;

Tourism.



Aim and goals of Strategy

The Strategy aims to reduce the impact of the consequences of climate change to increase the level of environmental safety in Ukraine.

Goals of the Strategy:

- Strengthening the adaptive capacity and resilience of social, economic, and ecological systems to climate change;
- Creation of organizational prerequisites and scientific and methodological support for the implementation of the state policy of adaptation to climate change;
- Promotion of development and inclusion of climate change adaptation measures in national, regional, local, and sectoral policies, strategies, action plans, and risk management;
- Enhancing education and awareness, increasing awareness of decision-makers, human and institutional capacity for climate change adaptation, mitigation, and early warning.

Further steps

Methodological recommendations for assessing the vulnerabilities and risks of sectors and natural components to climate change



Integration of adaptation to sectoral policies and local development policies



Conducting vulnerability and risk assessments for sectors



Defining the specific adaptation measures



Undertaking of measures



Monitoring and evaluation

Thank you for your attention!
g.trypolska@gmail.com