

Expert Group on Adaptation to Climate Change

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How do you contribute with your work in your country/organization to climate change adaptation activities?

- Investigation of the impact of climate change effects on forests on the national and sub-national levels;
- Determination of vulnerable components in forests and forestry;
- Assessment of vulnerability of forests to climate change, building maps of forests vulnerability;
- Development of the science base for climate change adaptation in forestry sector;
- Expert support of adaptation decision in forestry sector;
- Development of recommendation for adaptation activity in forestry sector.

Please describe a successful example of climate change adaptation measures implemented in your country/by your organization

- Preparation of map for zoning of expected flatland forest vulnerability as base for adaptation measures;
- Development of technology for early discovering and alarm system to prevent forest fires (telemetric watching and GIS support for decision);
- Installation of towers with TV cameras for rapid detection of forest fires;
- Development of technology for forest planting with sapling in containers;
- Selection of resistance forest tree species and protected their genetic resources in-situ.
- Development of normative base for sanitary cutting in forests affected by negative climate change impact.
- Approving on the governmental level the Concept of Agroforestry Development in Ukraine (order of Cabinet Ministry of Ukraine N 725-p from 18/09/2016).

Is there a national strategy (does your organization have a strategy) on adaptation of forests to climate change?

At the moment there no national (regional) strategy on adaptation of forests to climate change.

The Concept for implementation of state policy in the field of climate change for period up to 2030 has been approved by order of the Cabinet of Ministers of Ukraine (order № 932 from 07.12.2016), the Concept's Action Plan was developed.

According to the Concept and Concept's Action Plan is foreseen the development of a Low Carbon Strategy and Adaptation strategies to climate change in line with the Paris Agreement.

In Concept's Action Plan indicated the need for development and approval of medium-term plan of action for adaptation of Ukrainian forestry to climate change (during 2018-2020).

What are major challenges related to climate change and forests in your country/organization?

- The manifestation of the negative effects of the impact of climate change on forests is already manifesting at the present time (deterioration in the growth of forests, difficult reforestation/afforestation, dieback of coniferous forests in the forest zone and in the Carpathians, changes of tree species composition in forests etc.);
- The ending of the state forest program of Ukraine 2010-2015 and the lack of a state forest program for the near future. Due to this - almost complete cessation of budget financing of the forest sector after 2015;
- An underestimated political profile of forestry in the country. The national forest policy and the national forest program have not formulated, the strategy of reforming the forest sector has not been adopted;
- There is no structured information on the effects of climate change on forests, climatogenic risks to forestry are not assessed;
- Lack of the national strategy for adaptation to climate change in forestry sector;



What are major challenges related to climate change and forests in your country/organization? (2)

- Forest managers are poorly informed about the problem of forest and climate change;
- The need to update and modernize the system for collecting and analyzing information on the state of forests, improving the forest inventory, monitoring and forest management planning. The current forest monitoring system insufficiently focused on gathering information on the impact of climate change on forests;
- Existed forestry regulatory documents not take into account the problem of climate change;
- There is no incentive system for mitigation measures for forestry.