

Opinion of Republic of Uzbekistan on the research and systematic observations

Republic of Uzbekistan acknowledges the need in the conduction and extension of research in all directions related to climate change, systematic observations and information exchange. Science-and-technical programs financed by the state are directed at support of studies related to the measures of climate change mitigation, with adaptation to possible negative aftereffects, with regional climate monitoring and development of forecasting methods with different lead-time.

Uzbekistan supports the Updated version of Plan of putting into operation of the Global System of Climate Observations in support of FCCC UN (GSCO 2010) and acknowledges the importance of the more clear orientation to adaptation envisaged by the plan, in particular, to the revelation of needs in modernization of surface networks for conduction of observations which are actual for the assessment of vulnerability and adaptation with special focusing to the developing countries.

Uzbekistan emphasizes the need and priority of the following main tasks:

- intensification of climate observations and receiving of reliable climate characteristics, easing of access to climate data which facilitate the better identification of adaptation needs and will play the key role in development of adaptation strategy;
- extension of activities on preparation standards and protocols in relation to the evaluated main climate variables (MCV) of land which are obtained out of the range of climate change observations, in particular – for the measures in the fields of biodiversity and desertification.

In preparation of the Third National Report of Uzbekistan on climate change it is planned to include the information about new climate variables (MCV) of land in separate areas.

To facilitate the realization of regional action plans of the GSCO it is necessary:

- to strengthen the regional coordination in realization of the relevant types of activities;
- to strengthen the regional cooperation using the existing national and regional centers;
- to revise and update the Regional action Plan on GSCO when the need arises;
- to solve the matters of its funding via the available tools.

It is necessary to widen the methodical base directed to the assessment of climate change effect, to reconcile the studies on climate change issues, and development

and implementation of mitigation and adaptation measures. The following tasks for this are priority-driven ones:

- assessment of the current climate variability and occurrence of extreme values using the indices of climate extremity;
- development of methodical base for evaluation of losses and benefits including modeling;
- assessment of performance of measures of the rational water use in the irrigated farming and correction of irrigation norms;
- assessment of ecological and social-and-economical risk.