

CLIMATE CHANGE AND COMBATING DESERTIFICATION

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ANNOTATION. Today, almost every country is facing to climate change as we see. And I can say our country Uzbekistan is one of the leadings that is suffer from this problem. Climate changing leads to more problems including storms, heat waves and also desertification.

Climate change enhance desertification through replacement of spatial and temporal patterns in temperature , rainfall, solar radiation and winds.

In our country higher temperatures and more frequent drought are expected to reduce water availability like Orol sea and hydropower potential in general, crop productivity these days.

The encircled issues of climate change and the fight against desertification are ever more crucial for our country than other countries.

"Desertification and combating drought day" is established by the head assemblation of United Nations in 1995, January 30 in Uzbekistan. And it is celebrated on Juny 17 every year.

There are some strategies of reducing desertification. Prevention is much more cost-effective than rehabilitation. Desertification can be reduced by adopting the following strategies:

- Planting more trees. The roots of trees hold the soil together and help to reduce soil erosion from wind and rain.
- Improving the quality of the soil. This can be managed by encouraging people to reduce the number of grazing animals that they have and grow crops instead. The animal manure can be used to fertilise the crops grown.
- Water management. Water can be stored in earth dams in the wet season and used to irrigate crops during the dry season. This is an example of using appropriate technology to manage water supplies in the desert environment.

Today's researches show that using traditional knowledge can be particularly beneficial for tackling land degradation. Not least because communities living in drylands have done so successfully for generations, despite the tricky environmental conditions.

REFERENCES

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