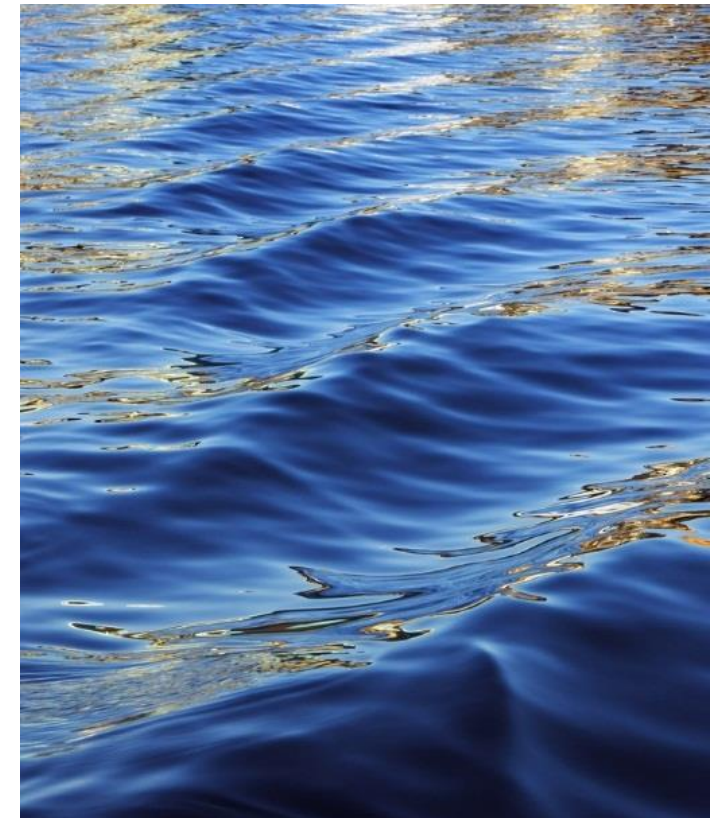




Our Common Cultivation Brings Us Together- Cyprus

2020-1-CY01-KA229-006003

C6: Climate adaptation and future prospects



We are....



Climate change and our planet

Climate change is a big problem for our planet, but we can all take action to help fight it and create a better future. Climate change has already affected many places around the world and is expected to get worse in the coming years. If we don't do anything to stop it, our children could face some serious problems. For example:

- 400 000 premature deaths per year due to air pollution
- 90 000 deaths per year due to heat
- 40% less available water in the southern regions of the EU
- 2.2 million people are at risk from coastal flooding each year

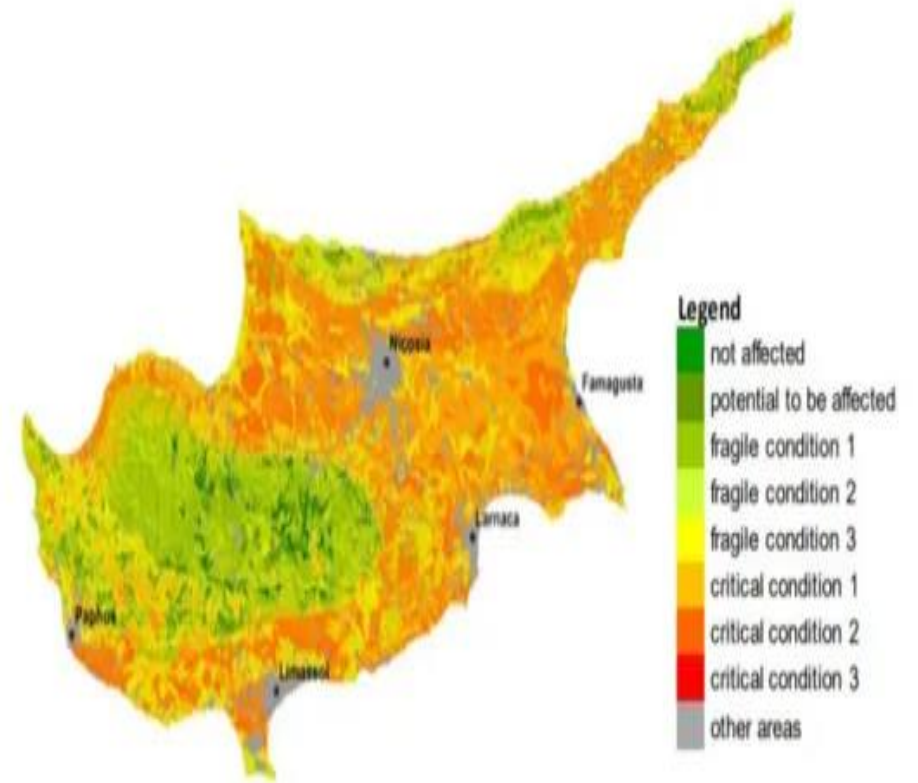


Consequences of Climate change in the world



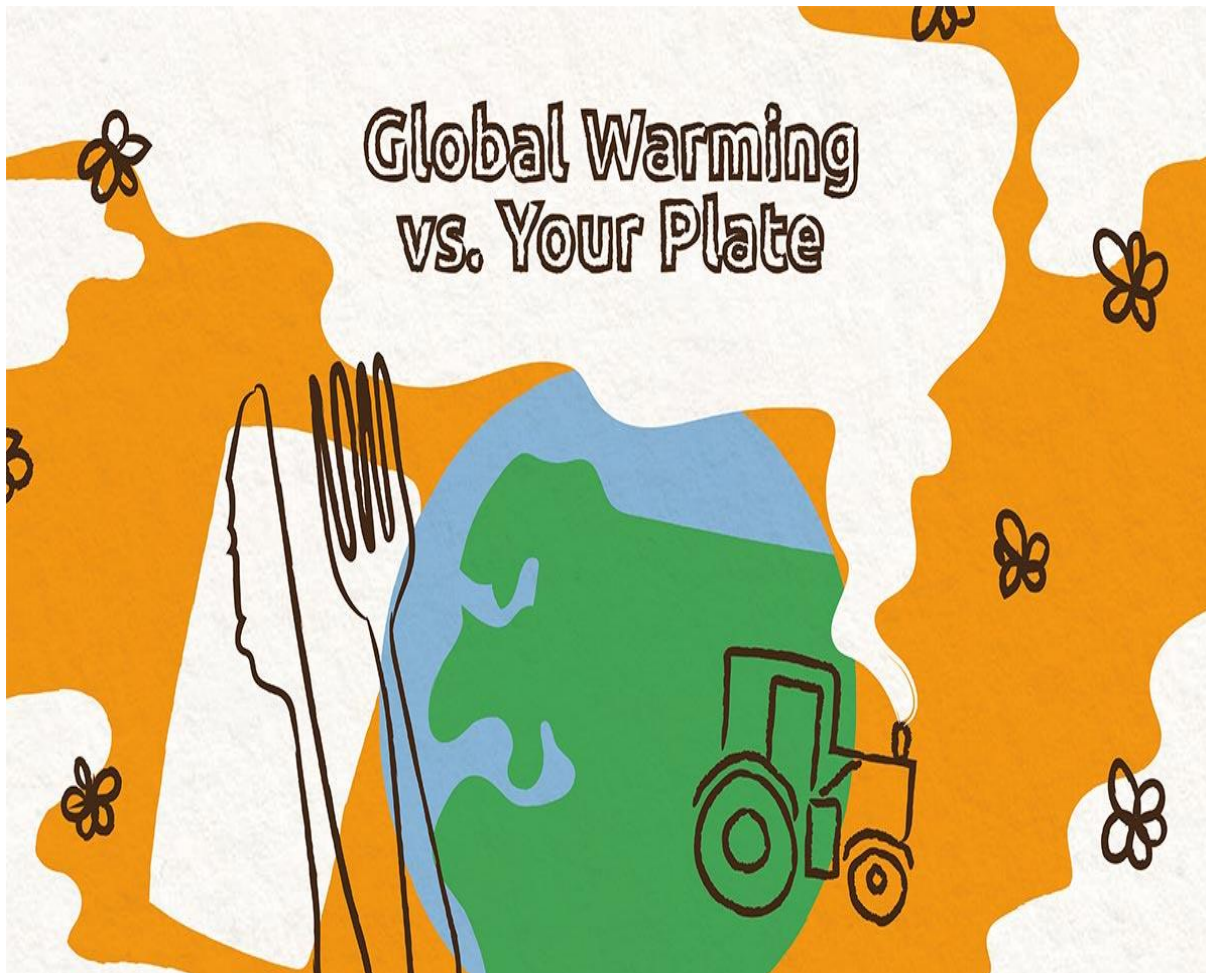
- Climate change is one of the greatest challenges of our time.
- The rising of temperatures and seas is one serious consequence of the Climate change around the world.
- Also, water is becoming rare in many places, and this is causing problems like droughts and dust storms. Water shortages make it harder to grow food and some people may not have enough water.
- Moreover, catastrophic wildfires are spread all over the planet.
- These changes are not only having a dramatic impact on diverse ecosystems but also on the wildlife that call these places home.

Consequences of Climate change in Cyprus



Source: Ministry of Agriculture, Rural Development and Environment, "Climate Change Risk Assessment, Land Desertification", 2016, p. 24.

Consequences of Climate change in Cyprus (Food and animals)



Water scarcity is expected to become a growing problem in Cyprus and the surrounding region with climate change. Credit: Petros Karadjias/AP/REX/Shutterstock

Consequences of Climate change in Cyprus (Vineyards)



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OUR

- culture
- Vineyards
- planet

Cypriots can boast of the richest cultural heritage, the history of which has been going on for more than 90 centuries. And most importantly, many traditions, orders and customs are passed down from generation to generation and have survived to this day. Immediately it is necessary to make a reservation that the culture of the northern and southern parts of Cyprus is different. And the reason for this was the events that took place a little over 20 years ago on the island. The cultural image of today's Cyprus has evolved over many centuries and was influenced by a variety of events that took place around, in the Mediterranean. One of the important features of the current Cypriots, for which they have been famous for all the years, is cordiality and hospitality. Of course, the level of the guest is important. The island has always been famous for coffee, wine, sherbet, fruit sweets.

The world of Cypriot wine is very diverse, and the history of Cypriot winemaking goes back over 5 thousand years. Cyprus is an ideal place for grapevine growth due to its dry and warm climate. Numerous vineyards are scattered throughout the island, but most of them are located in two mountainous areas - Pentadaktylos and Troodos. Most of the local vineyards are very old. Of the local red grape varieties, one can note the Mavro variety, which grows only in Cyprus and is included in the blend of most local red wines, as well as more savory varieties, such as Marateftiko and Oftalmo, the wine of which has a higher acidity. In addition to the local one, quite a lot of vines from Europe and America were brought to Cyprus, which perfectly took root on the fertile Cypriot land. Grapes in Cyprus grow in the mountains, which led to not the best delivery.

Ναταλία Ανταμόβου
Καρίδα Νταχνόβουκα

Conclusion

- These are all very serious problems, but if we work together to reduce greenhouse gas emissions, use cleaner energy sources, and take steps to adapt to the changes that are already happening, we can help prevent some of these things from happening.
- It's important to take action to slow down climate change and protect our planet and ourselves.
- Wine producers used to know which varieties to grow, how to grow them, when to harvest the berries and how to ferment them to produce a consistent, quality wine – but today, every step is up in the air. This growing recognition is spurring researchers and winemakers to find ways to preserve beloved grape varieties and their unique qualities under the shifting and capricious conditions of today's warming world.



