



Trees and microclimate

Explanatory video transcript

(0:07) Let's see how trees affect the climate of an area.

(0:10) Our planet's atmosphere traps sunrays to keep us warm, like a greenhouse.

(0:16) But too many sunrays mean it's too hot.

(0:19) That's what carbon dioxide does.

(0:22) Have you noticed in your area that where there are trees, the climate is better?

(0:27) Trees block sunrays and give a shadow, like an umbrella.

(0:31) They also reduce temperature through evapotranspiration.

(0:35) That is when water is absorbed by the roots, travels to the leaves, converts to vapor and cools the area.

(0:41) They increase air flow through their leaves, too.

(0:44) So trees help us feel cooler.

(0:47) Let's protect them!

