

Description

Human intervention has been a deciding factor for all the changes occurring in nature for the last few centuries. The changes in the world climate were further escalated by the industrial revolution. The world has experienced severe droughts in different places during different times. A study published in Nature recently has proved that the droughts were mostly influenced by human activities. The study constructed a climate model from maps of where and when droughts occurred throughout history, tree rings measurement along with the soil moisture. The researchers found human “fingerprint”-identified a distinguishing global pattern of regional drying and wetting in response to the emission of greenhouse gases since the early 1900s and they noticed a global increase in the emissions over the following 100 years. The study is the first of its kind to connect the global drought conditions with human-generated emissions. The study highlighted the fact that droughts will become more frequent and severe as temperatures rise, leading to food and water shortages, drastic impact on human health, destructive wildfires, and conflicts between peoples competing for resources.

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Category

1. Checklist

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