

This research aims to find out how to calculate the carbon that is stored in the tree trunk from the atmosphere and how the surroundings of trees contribute to carbon withdrawal and reduction of greenhouse gases and converting it to organic carbon that does not harm the environment. Experiments were conducted by locating a site in the area (AI-Turaif), studying the number of trees, measuring the perimeter, and then measuring the amount of carbon absorbed by those trees

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نتائج البحث

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مصادر البحث

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عنوان البحث

Study of the amount of carbon absorbed in the biomass of mango trees in Al-Turaif School

ملخص البحث

The work of the two students: Durar Saeed Salem Al-Muqbaliya

Reem Ali Abdullah Al Kaabi

Supervised by the teacher: Mrs. Haifa Al Kaabi

This research aims to find out how to calculate the carbon that is stored in tree biomass from the atmosphere and how tree biomass contributes to carbon withdrawal, reduction of greenhouse gases and converting it to organic carbon that does not harm the environment. Experiments were conducted by locating a site in the area (AI-Torif), studying the number of trees, measuring the ocean, and then measuring the amount of carbon absorbed by those trees. From here, we will answer the research questions, which include how can trees contribute to reducing climate change? Can we actually calculate the mass of carbon absorbed in trees? What are the methods used to calculate the mass of carbon absorbed in trees? What are the benefit of the environment?

To answer the research questions, the protocols of the GLOBE program were used, which is the vegetation protocol, and the results showed that trees with greater biomass contribute to more carbon withdrawals



Graph (3) shows the mass and amount of gas withdrawn from the atmosphere.

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Table (8) mango trees data to calculate carbon mass

From here, we will answer the research questions, which include how can trees contribute to reducing climate change? Can we actually calculate the mass of carbon absorbed in trees? What are the methods used to calculate the mass of carbon absorbed in trees? How does this study contribute to the benefit of the environment?

طريقة البحث

أسنلة البحث

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Research Methodology

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