Young Reporters for the Environment took the first step towards the carbon farm.

The project team consisting of students named Doğa Işık, Ada Işık, Can Aksüt, Özge Karaoğlan and İlkim Bilge İdem, who received an education on sustainability at SÜGEP Academy, carried out on a model project.
Within the scope of the International Young Reporters for the Environment program run by the Turkish Environmental Education Foundation (TÜRÇEV), the team has rolled up its sleeves to establish a carbon farm where carbon recall techniques will be applied to combat the Climate Crisis.

Since the industrial revolution, mankind has released more than two thousand gigatons of carbon dioxide into the atmosphere. The thickening layer that traps greenhouse gas is the main cause of global warming, which results in wildfires, heat waves, sea-level rise and more.
Mitigating climate change, increasing renewable energy sources and their sufficiency, stopping deforestation and preventing the release of ultra pollutants are the top musts. However, recent studies in climate science show us that these methods are in rapid change and are not alone enough to prevent the climate crisis.

To prevent these bad effects of climate change, we must stabilize the worldwide temperature rise between 1.5 and 2 degrees celsius. Furthermore, we must not only minimize our emissions but also recall carbon while achieving this goal, Young Reporters for the Environment said, “In this world, the largest digestive system for carbon after the oceans is the soil. The transformation of forests into cultivated areas and urbanization have a large share in the loss of carbon storage of our soils. "As the soil lost its carbon, the oceans had to store more carbon, and rising CO2 levels became a problem that threatened the lives of many species in the future."

On this planet, the largest digestive system for carbon after the oceans is soil. However, the transformation of forests into cultivated areas and urbanization have a large share in the loss of carbon storage of our soils.

These students received training on the techniques to be applied during the project from Tolga Esetlili, Ege University Faculty of Agriculture Faculty Member, and Tolga İlçin, an expert in Organic Waste Management and Industrial Compost, at the ION Farm in Urla Barbaros Village. With this training, they returned the composted organic wastes to the soil and also saved the carbon captured by the plants. Moreover, they learned how to help the cycle between new plant species to retain more carbon dioxide from the air and create a healthy nutrient environment in the soil. They are willing to teach application techniques based on their experience to other young people on this farm they have established.

*Our project supports SDG12, SDG13 and SDG15 from the UN Sustainable Development Goals.

Resources:

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https://www.frontiersin.org/articles/10.3389/fsufs.2020.518039/full

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https://www.nature.com/scitable/knowledge/library/soil-carbon-storage-84223790/

Dissemination

https://sugep.exposure.co/we-recall-the-carbon

https://www.act4sdgs.org/profile/SUGEPYOUTHLEADERSHIP?fbclid=IwAR15cEUJAUHZb4W83iVBQEPR91VatH3BNW3a_mewBBf60MoARjP18knmGrA

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Karbon çiftliği ile ekolojiye can suyu

Biyolog Çiçek Dilsiz, Sügep Akademi öğrencileri ile birlikte geliştirdikleri 'Karbon Çiftliği' projesini anlatarak, bu proje ile toprağın karbonu tutma miktarının nasıl arttırıldığını ve oluşacak sağlıklı besin ortamını aktardı

"TİFİLİKLE YAPILMASI GEREKİYOR"

İletişimin Geleceği ve Metaverse çalıştayı

"İletişimin Geleceği ve Metaverse" çalıştayında konuşan Prof.Dr. Dilek Takımcı, "İletişimin geleceği konusunda Metaverse teknolojileri önemli yer tutuyor" dedi

Anadol sevdasıyla müze gibi garaj kurdu

İzmir'in Urla ilçesinde yaşayan 55 yaşındaki "Anadol" tutkunu Kaan Eruz, nadir bulunan "STC-16", "A6 Böcek" modellerinin de aralarında olduğu 10 araçlık koleksiyonunu, garajında meraklılarının ilgisine sunuyor