

# A plastic-free soil for the growth of plants

## Cuttington University, Liberia



Students and staff from the Department of Environmental Science, College of Natural Sciences went in the field and collected disposed plastic waste from the soil for the support of normal plant growth.

Cuttington University is a private Episcopal institution with four campuses, this institutional based project is being implemented at our undergraduate campus and its immediate environs, in Suakoko, Bong County, Liberia.

On average, in Liberia an individual drinks a minimum of four sachets of water a day. The empty plastic is dropped every and anywhere, and is eventually covered by soil as a result of erosion. The plastic waste stagnates the normal growth of plants. Consequently, carbon dioxide (CO<sub>2</sub>) that would have been absorbed by the plant enters the atmosphere; contributing to climate change. To encourage healthy and normal growth of plants, this project was initiated. Students collect waste each semester, with the hope of continuing until the soil is plastic-free.

Our students state to the plants *“We are here to contribute to your growth”. “Grow well and absorb our CO<sub>2</sub>”.* *“A climate conducive for all is our primary objective”.*



Photos: Students identifying and collecting plastics in group of two



Plastic waste collected from the soil



<p><b>31</b> Students in Buye Workshop</p>	<p><b>25</b> Students in Sewanee Workshop</p>	<p><b>100,000</b> trees expected to be planted in 2 years</p>
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Find out more

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