

Day 11 Greener

My findings from the soil quest

Me, the learner on the soil quest, have discovered three fascinating findings about soil health and its impact on our world:

We Discovered the Hidden World Beneath Our Feet: During our soil quest, we ventured into the miniature world of soil ecosystems. It was fascinating to realize that healthy soil hosts a diverse community of living organisms, including countless microorganisms and visible creatures like earthworms. I was amazed to learn that just one tablespoon of healthy soil contains more individual living organisms than there are humans on Earth!



Image from:

<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.loveyourlandscape.org%2Fexpert-advice%2Fflawn-care%2Fsoil-management%2Fcreating-and-maintaining-healthy-soil%2F&psig=AOvVaw1SINnKQJpDr7oUA7OuPQnv&ust=1697139184873000&source=images&cd=vfe&opi=89978449&ved=0CBEQjRxqFwoTCLit7p7e7oEDFQAAAAAdAAAAABAR>

The Crucial Role of Soil in Climate Change: Through our quest, we uncovered the vital role that healthy soil plays in combating climate change. We found that healthy soil acts as a storehouse for carbon, capturing it from the atmosphere and storing it in the ground. On the contrary, unhealthy soil releases carbon more quickly. It was eye-opening to understand that the balance of the carbon cycle in soil has a direct impact on atmospheric carbon levels, which in turn affects climate.

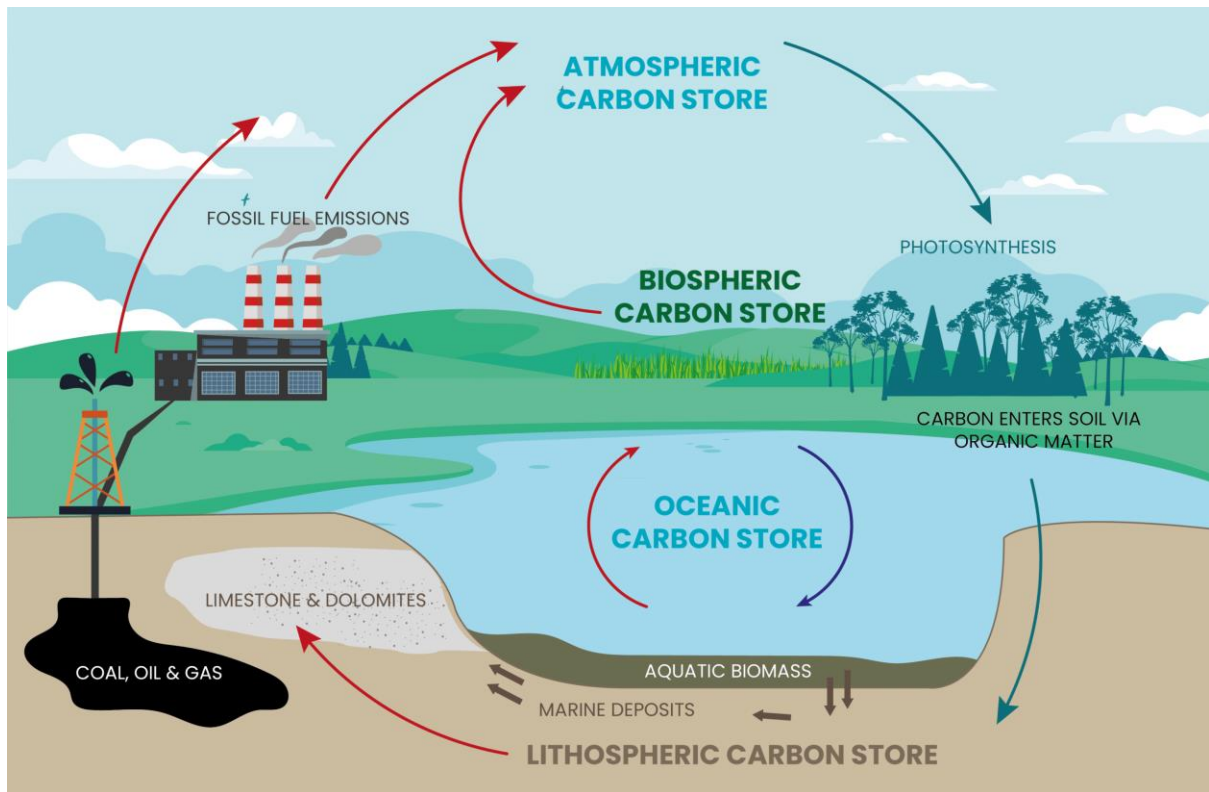


Image from: https://afyren.com/wp-content/uploads/2021/07/afyren_infographie_carbone-1.png

Regenerative Agriculture Offers a Sustainable Solution: Our quest highlighted the importance of regenerative agricultural practices. We discovered that conventional

farming and gardening practices, such as tilling and synthetic pesticides, have harmed the soil over time. However, the concept of regenerative agriculture, blending traditional and innovative approaches, is emerging as a solution to grow abundant, nutrient-rich crops while restoring soil health. This finding inspired me to consider how I can promote and support regenerative agriculture practices in my community to help restore soil health and mitigate climate change.

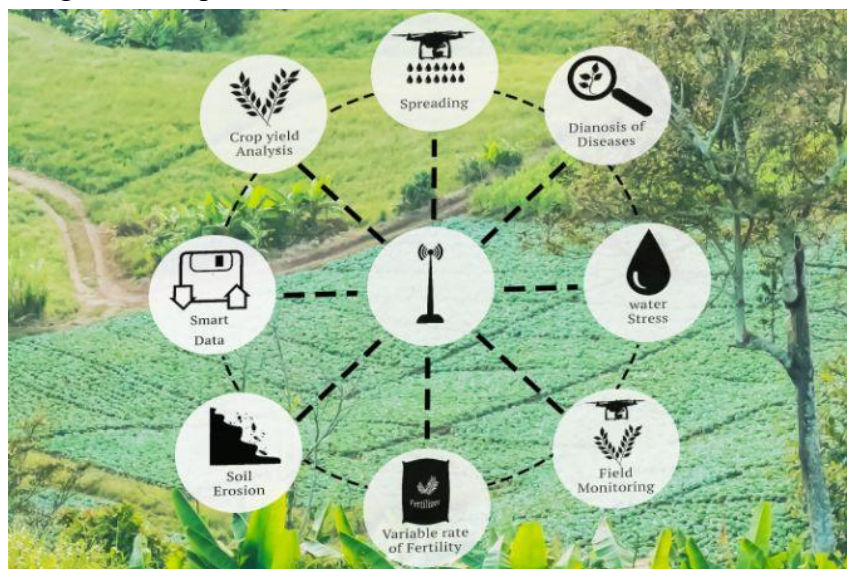


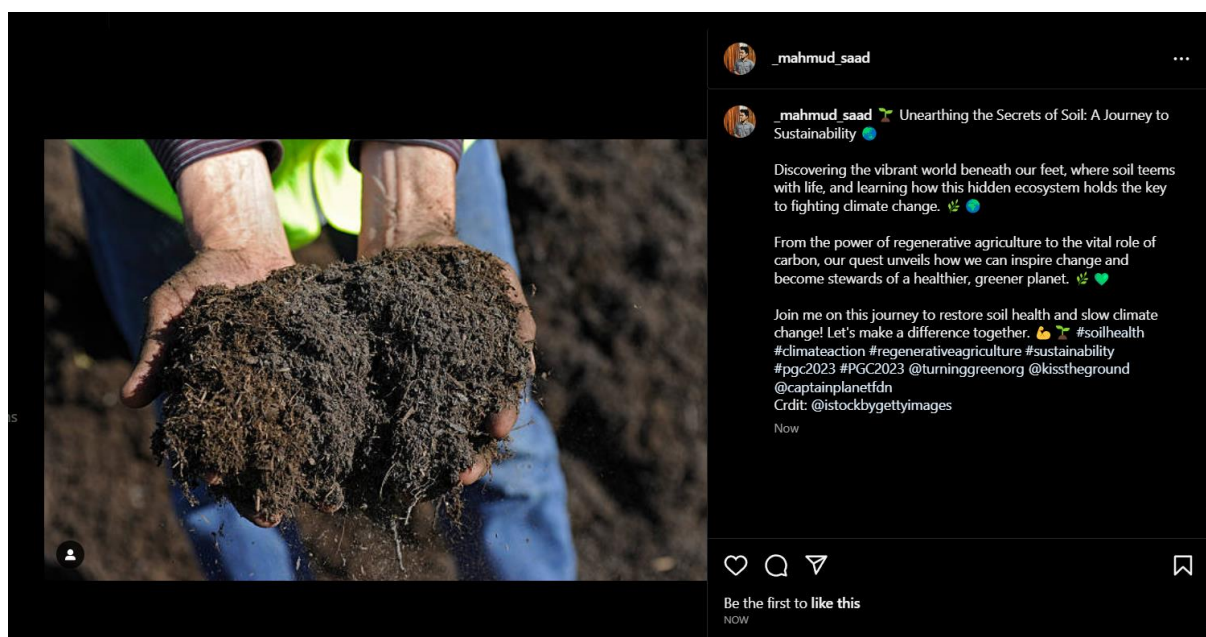
Image From: <https://agriculturepost.com/wp-content/uploads/2023/06/Technology-adoption-is-key-to-sustainable-regenerative-farming.jpg>

Our soil quest provided insights into the hidden world of soil ecosystems, the connection between soil and climate change, and the promise of regenerative agriculture in addressing these challenges. It has motivated us to share this knowledge and inspire others to take action for the health of our planet.

Find my Instagram post here:

https://www.instagram.com/p/CyRV6URy8AG/?utm_source=ig_web_copy_link&igshid=MzRIODBiNWFIZA==

Screen shot of my post:



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