



Carbon Sequestration Discussion Questions

Question prompts to guide discussion:

- I. Would forest or farmland take up more C and N? Why is soil C affected by ploughing/tilling?
- II. Which habitat would you think has the most soil organic matter? Why?
- III. Which would you think would have more nutrient-rich soil?
- IV. How does a forest act as a carbon sink? How is soil carbon affected by the vegetation change to forests?
- V. What would happen to the soil as farmland is abandoned and more plant species are able to grow?
- VI. Why would animal species biodiversity be enhanced as abandoned farmland transitions to shrubland and then forest?
- VII. Why are carbon sinks important when we consider climate change?