|  |  |  |
| --- | --- | --- |
| Line number | Uncorrected | Corrected/Action |
| Line 34-37  | Atmospheric carbon dioxide is one of the largest anthropogenic sources which enhance the green house effect2 and its significance for theincreased interest in the role climate in global carbon cycle research in terrestrial ecosystem. | Atmospheric carbon dioxide is one of the largest anthropogenic sources which enhance the greenhouse effect.2  |
| Line 50-52  | Whereas recalcitrant materialhas rapid response to the recent land use changes and considered as much faster carbon cycling pool.9–13 | Whereas less resistant materialhas rapid response to the recent land use changes and considered as much faster carbon cycling pool.9–13 |
| Line 79-80 | Triplicate soil profiles were identified dug and described. Soil samples from each genetic horizon for both soils were taken. | Three replicate profiles for each soil were dug at separate locations.Soil samples were taken at genetic horizon level after profile description |
| Line 135-137  | As Typic Hapludolls occurred under humid climate leading towards high organic carbon content. | Due to humid climatic conditions the Typic Hapludolls had high organic carbon content. |
| Line 188-190 | The stratification ratio of DOC in Typic Hapludolls and Typic Haplustepts were more in D1:D2 both series 0.21and 0.43, respectively (Table I). | The stratification ratio of DOC in Typic Hapludolls and Typic Haplustepts were greater in D1:D2 (0.21 and 0.57, respectively) than other depths of both soil profiles (Table I). |
| Line 190-193  | Although the soils under arid or semiarid climate are vulnerable to degradation, but work in favour of carbon stratification in soilprofile as the residence time of carbon in dry lands soils is long, sometimes even longer than in humid soils.35 | Although the soils under arid or semiarid climate are vulnerable to degradation, but work in favour of carbon stratification in soilprofile as the residence time of carbon in dry lands soils is longer than in humid soils.35 |

Here is the response of the suggested questions and final corrections in galley proof.