

## Author's Response

Thank you for the suggestions. We made final corrections and edits accordingly:

- The title of the paper is renamed.
- 2 sentences are added to the abstract:
  - Irrespective of drainage status, the soils functioned as both CO<sub>2</sub> sinks and sources (L23).
  - The reported soil CO<sub>2</sub> balance values may be used as regional emission factors (L29).
- “S” added to the numbering of sections of supplementary text.