

Dear Dr. Toth,

Thank you for your note and for handling the review process, and thanks also to the reviewers for their helpful final comments.

We have implemented both remaining suggestions:

- The text has been revised as suggested by Referee #1 for improved clarity (L102 and L333).
- A sentence has been added in Section 4.4 (L527-529) explicitly acknowledging the calibration challenges in organic-rich peat soils, as recommended by Referee #2. The previous sentence (L525-527) has been adjusted to improve the flow and connection between the two sentences.

Best regards,
Francesco Zignol
on behalf of all co-authors