The requested changes are as follows:

**Page 6, line 5:**

- 71.2 TgN should be 44.1 TgN

- 6.7 Tg P should be 3.1 Tg P

Explanation: We mismatched the numbers here by mistake. The previous values were actually the total values for all vegetation instead of the values for grassland (Table 2). This correction would not affect our results, discussion and the data products.

**Page 7, Table 1:**

In the “Soil” column, 2.4 should be 12.4

and

in the “Ecosystem” column (total), 6793.1 should be 6803.6

Explanation: The previous value was from the very first version of the manuscript. We updated the corresponding values in the text (Abstract and line 27 on page 5) but forgot to update this one in Table 1 during the revision process due to carelessness. This correction would not affect our results, discussion and the data products.

**Page 8, Table 2, Row 11:**

0.2 should be 0.3

Explanation: The previous value was from the very first version of the manuscript. We updated the corresponding value in the text (line 5 on page 6) but forgot to update this one in Table 2 during the revision process due to carelessness. This correction would not affect our results, discussion and the data products.