

Supplementary Materials

Supplementary figures:

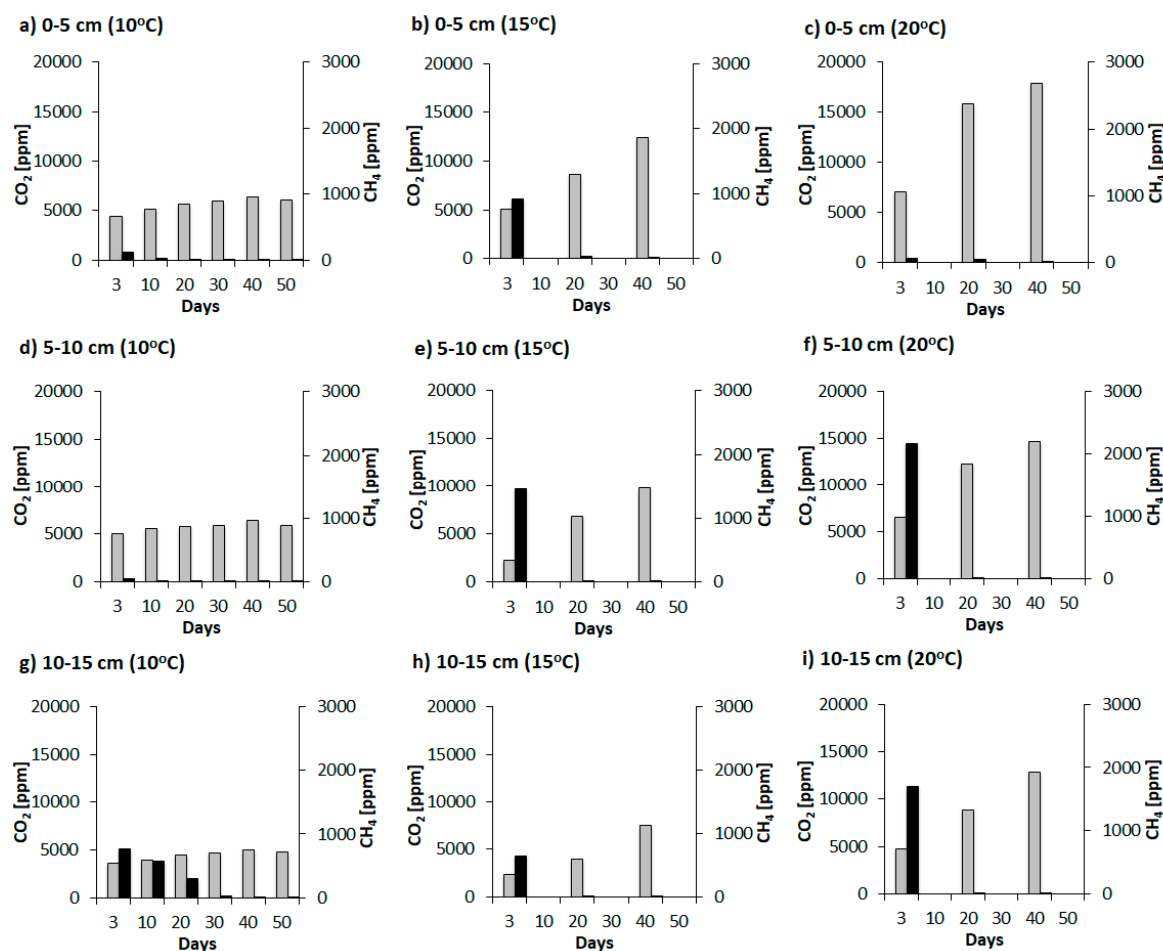


Figure S1. Changes in concentration of CH₄ (black) and CO₂ (grey) over time, in the different sediment layers and at different temperatures (He+¹³CH₄).

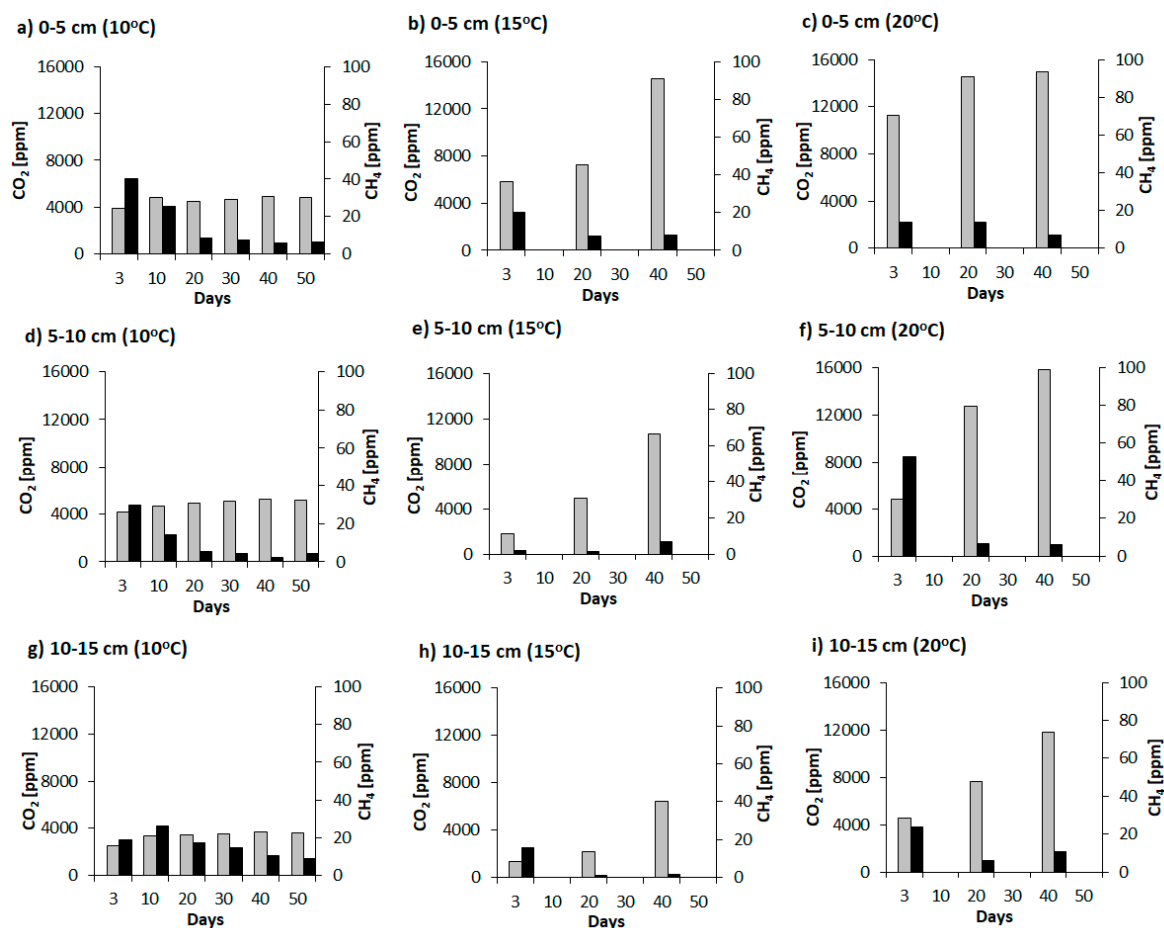


Figure S2. Changes in concentration of CH₄ (black) and CO₂ (grey) over time, in the different sediment layers and at different temperatures (He).

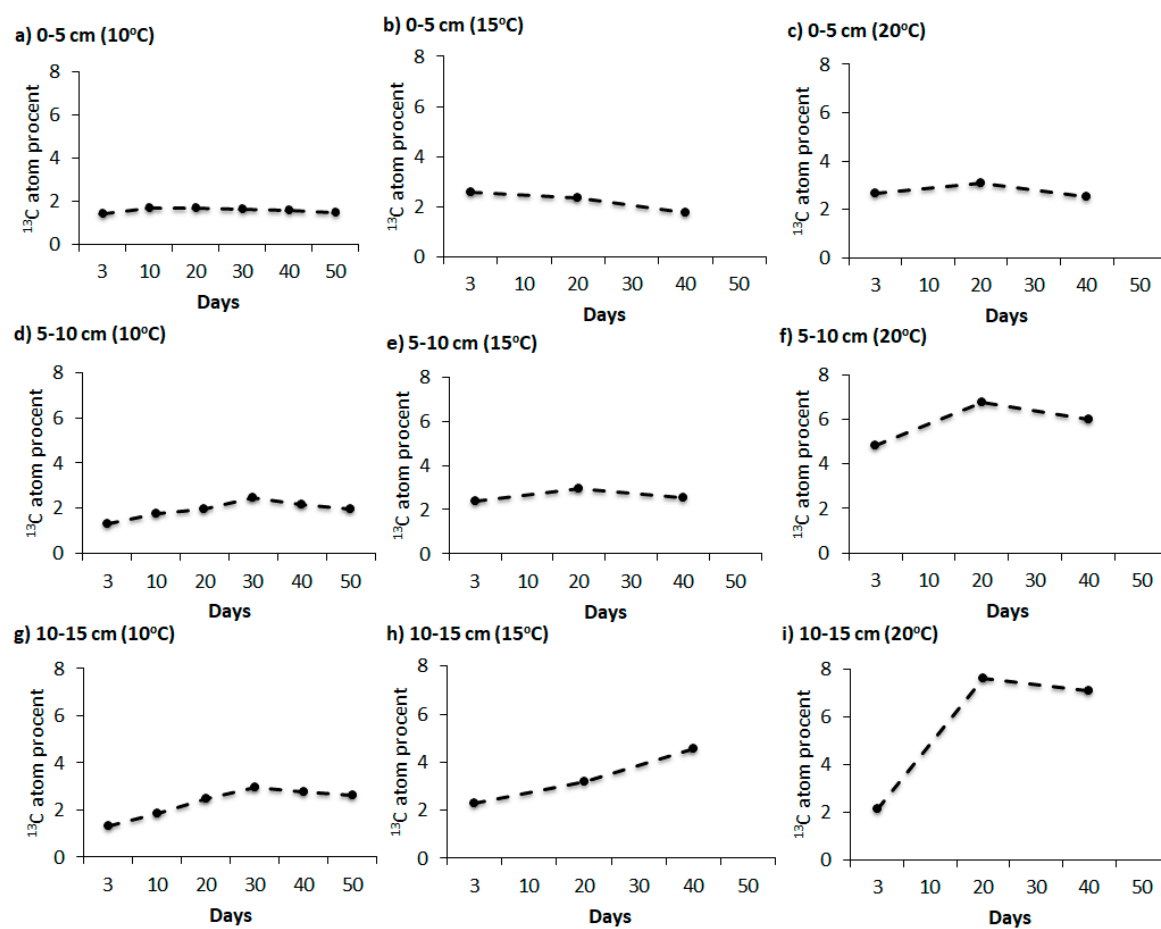


Figure S3. Change of ^{13}C AP over time for incubations conducted at different temperatures in the 0-5, 5-10 and 10-15 cm sediment layers ($\text{He}+^{13}\text{CH}_4$).