POSTER ID: 28

Experimental flooding and warming rapidly **increase graminoid biomass** in high-latitude coastal wetland

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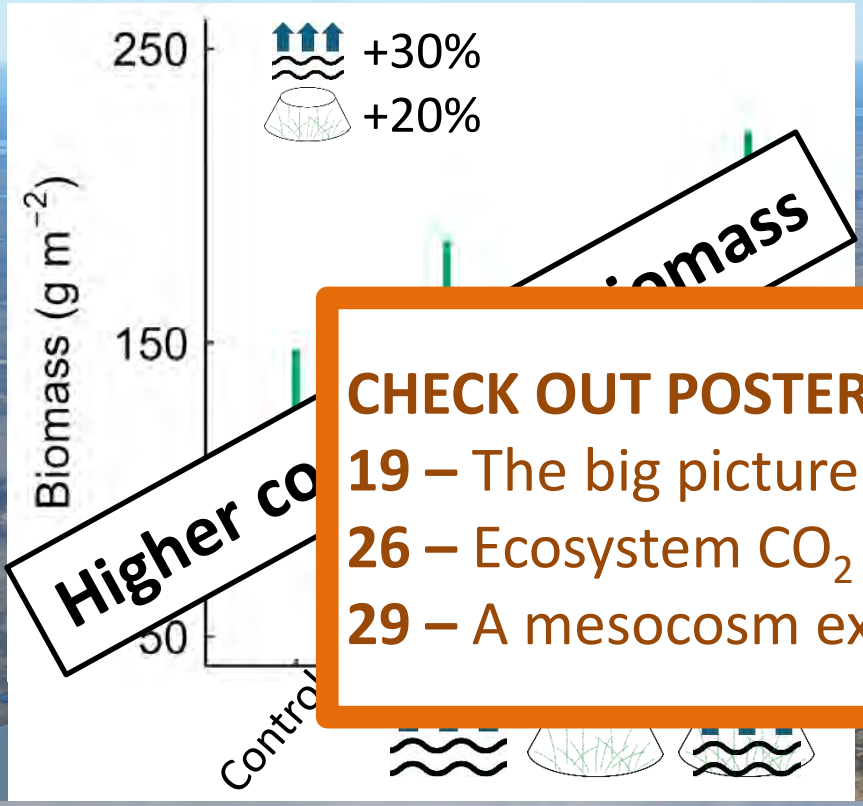
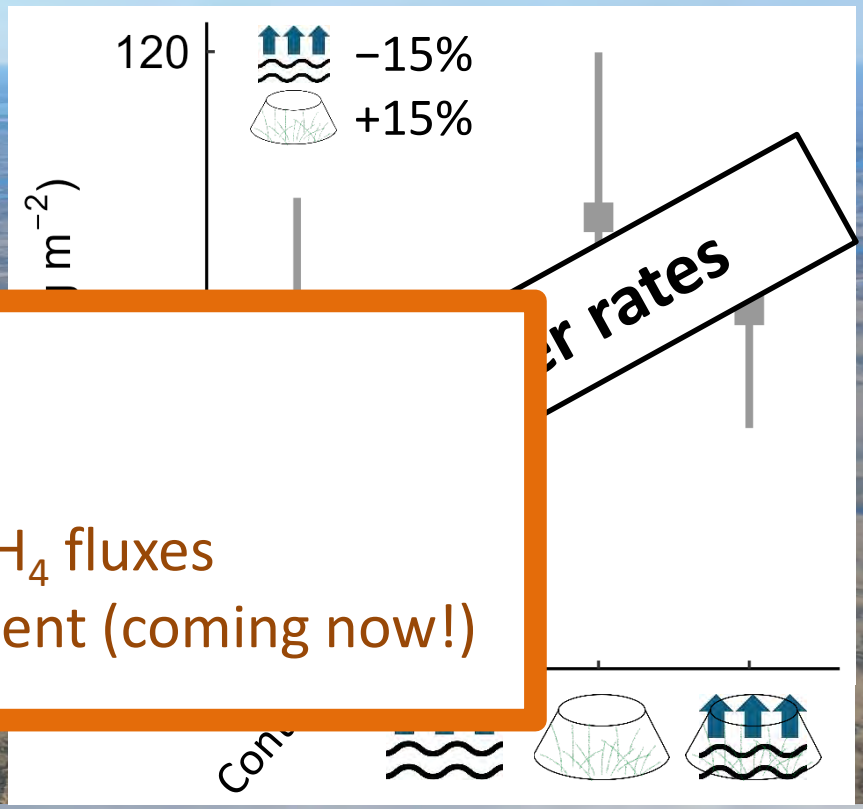
Graminoid biomass



Standing-dead graminoid



CHECK OUT POSTER IDs:

19 – The big picture!

26 – Ecosystem CO_2 and CH_4 fluxes

29 – A mesocosm experiment (coming now!)

Flooding- and warming-induced **increases in plant biomass and biomass turnover rates, especially of graminoids**, which are characterized by high-quality litter, may **have large implications for C and N cycling** of more frequently flooded coastal ecosystems in a warmer Arctic.

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