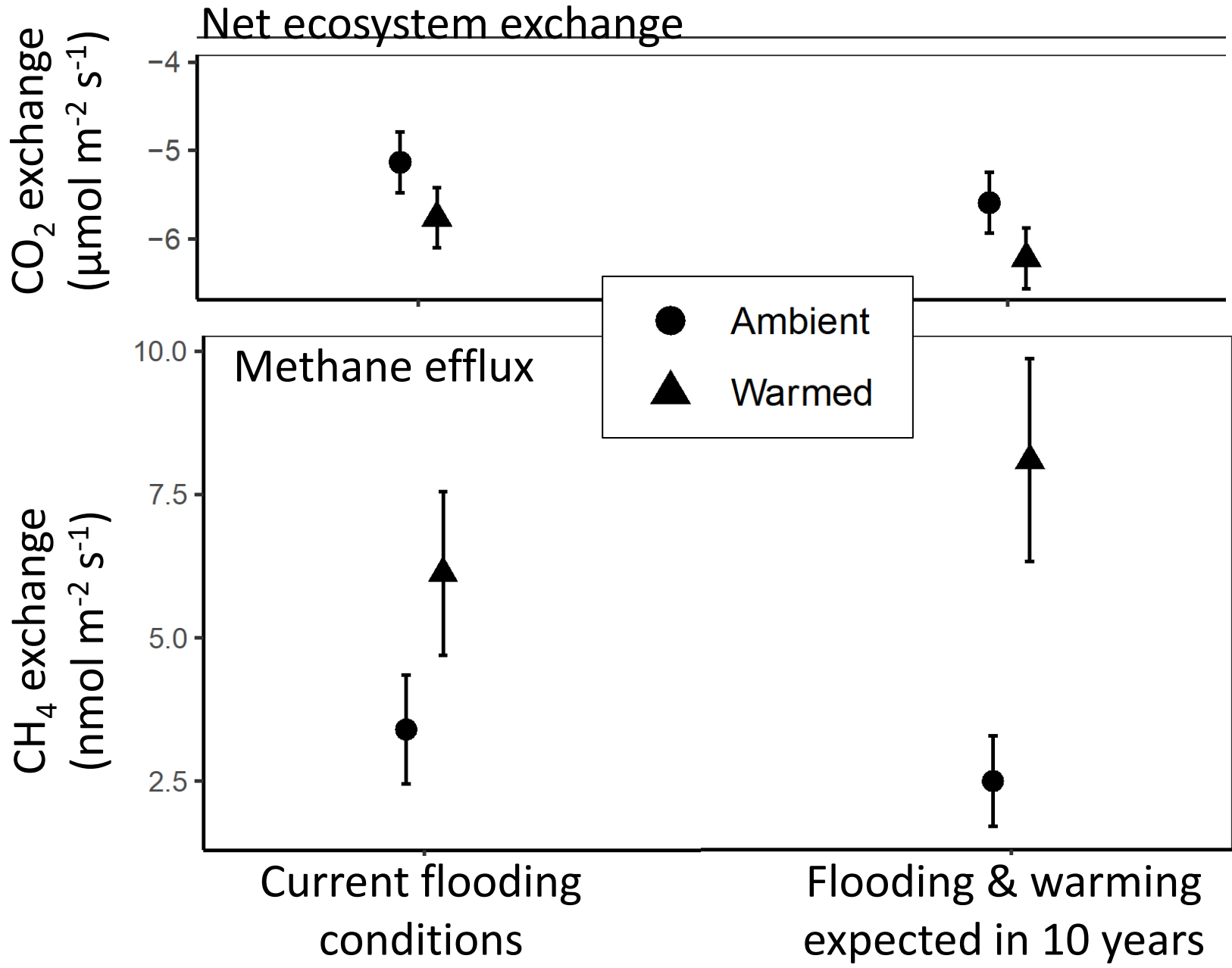


# Flooding and warming alter summer land-atmosphere gas exchange in a high latitude coastal wetland

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*Climate change and sea level rise are causing warming and more frequent tidal flooding of coastal wetland ecosystems.*





- Warming and flooding increase CO<sub>2</sub> uptake but also increase CH<sub>4</sub> emissions
- Increasing CH<sub>4</sub> emissions are overwhelmed to larger CO<sub>2</sub> uptake