

Ms RESEARCH INTERNSHIP

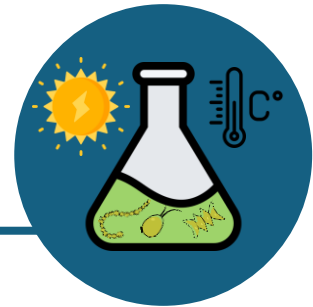
What is the effect of warming and N₂ limitation on cyanobacterial CH₄ production?



Experiments in 1000L mesocosm (limnotrons) filled with sediment and water from a lake with diverse cyanobacteria blooms.

Full factorial experiment (N=12) with two treatments

- Temperature (current and +5°C)
- Nitrogen (+N+P, and only +P)



Once the experiment is over, we will **incubate sediment & water** from the different treatments to test the following hypotheses:

- H₁: Higher temperature enhances CH₄ production**
H₂: N₂ limitation leads to higher CH₄ production

Starting September 2025

If you are interested, reach out!
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