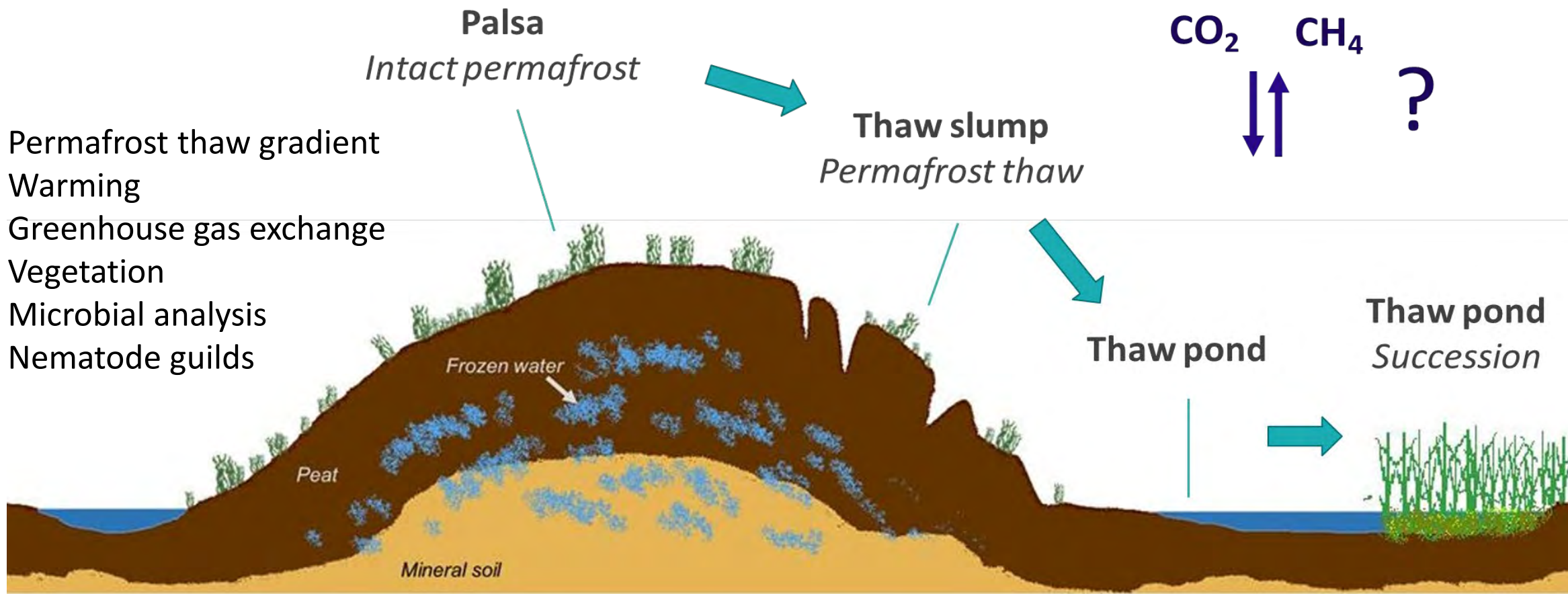


Warming and permafrost degradation stimulates above and belowground processes to affect greenhouse gas exchange

Hanna Lee, Norwegian University of Science and Technology





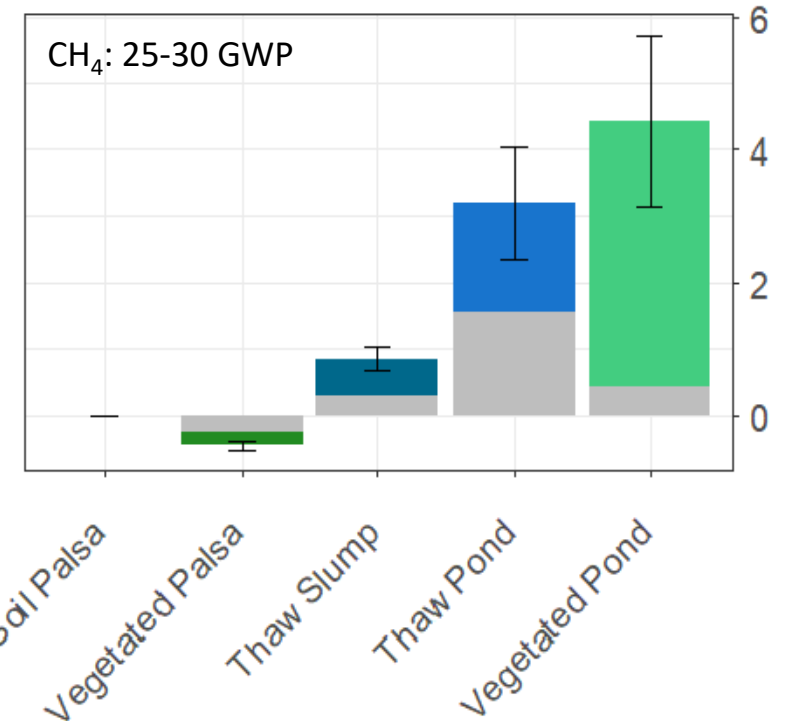
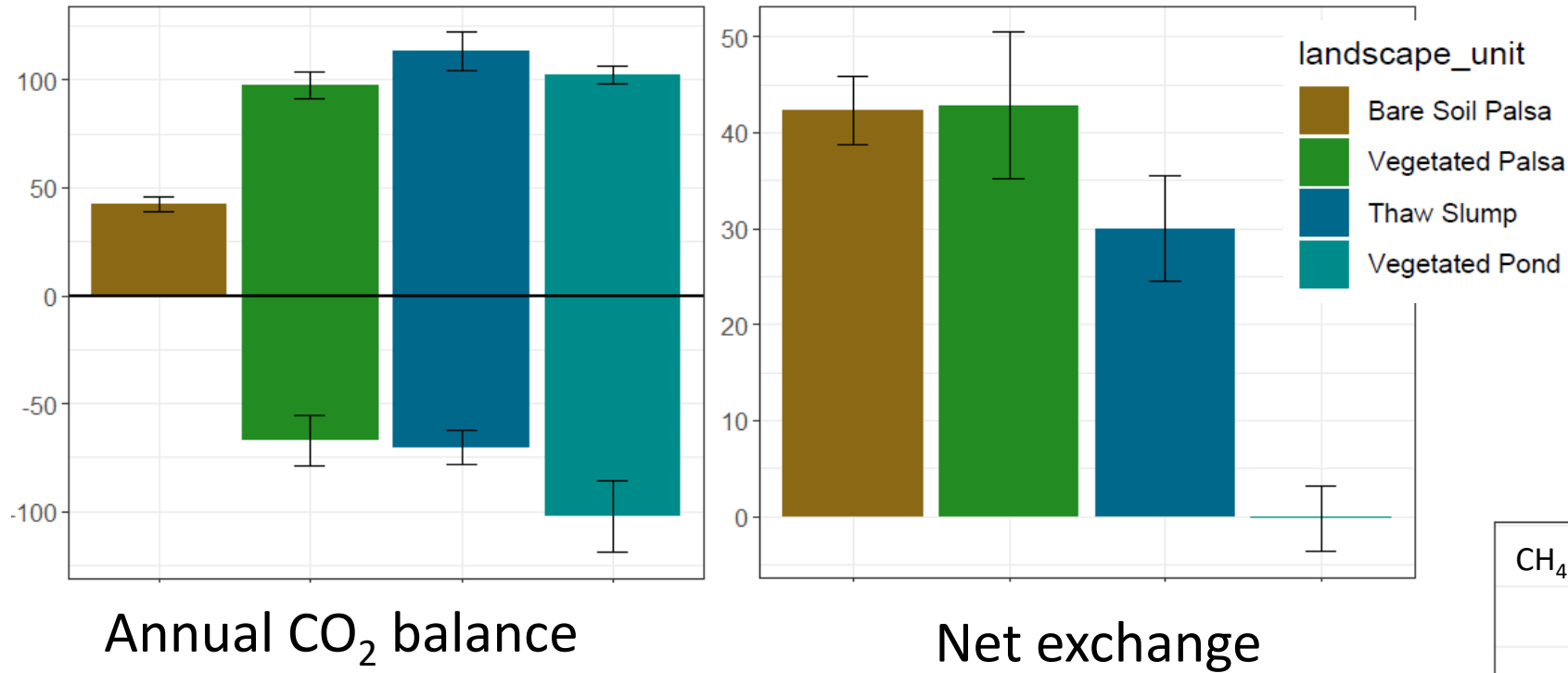
Bare soil palsa

Vegetated palsa

Thaw slump

Thaw pond

Vegetated pond



- Net CO₂ balance similar except vegetated pond
- Continued emissions of CH₄ beyond abrupt permafrost thawing