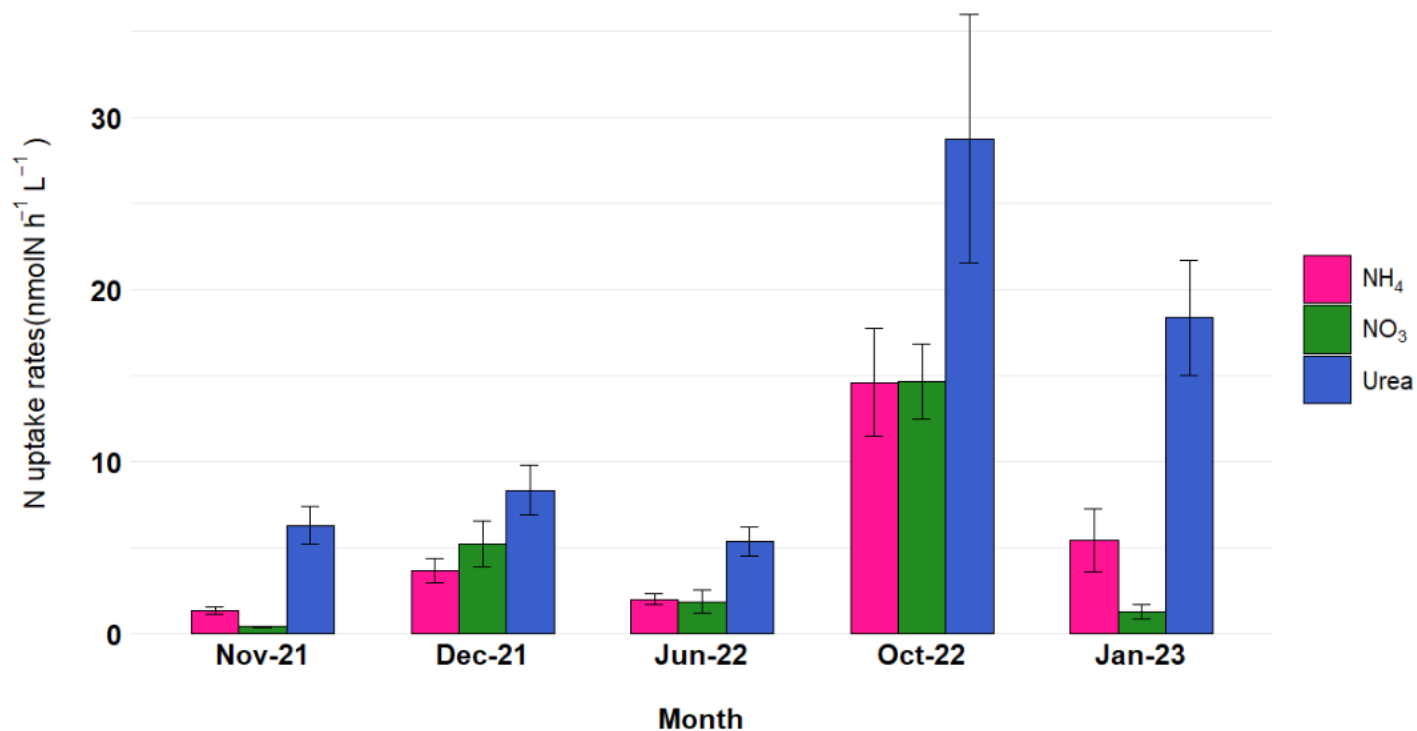


# Alon Blachinsky: What is the ability of EMS phytoplankton to use different nitrogen sources?

when DIN is depleted, EMS microbial communities rely on urea (and potentially other bioavailable DON) as a crucial recycled N compound.



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We studied urea's availability and uptake rates versus NH<sub>4</sub> and NO<sub>3</sub> for EMS phytoplankton: Autumn 2021, marked by extreme NO<sub>3</sub> depletion, and Winter/Spring 2022, following a major NO<sub>3</sub> injection during Storm Carmel.