

Oh, the places you'll go! Is climate change driving cyanobacteria to remote lakes?

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12-1 PM**

Lunch Provided

McCourtney Hall B01



Climate change has resulted in higher rates of change in temperatures in lakes in the temperate biome compared to other biomes. Scattered throughout these temperate lakes are the emergence of apparently random cyanobacteria blooms. Our search for understanding why some lakes are blooming, while others are not, leads us to formulate a new conceptual model. Higher temperatures together with hydrological intensification of landscapes rich in organic matter deposits create the perfect storm for cyanobacteria blooms – where enhanced export of dissolved organic matter delivers nutrients to warm and stable lake waters that only cyanobacteria can access.