Abstract

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Title

Inland-water cyanobacteria: new monitoring, reporting, modelling and ecological research

Description

Climate change is predicted to increase the number and intensity of cyanobacterial blooms. New knowledge and approaches are required to best manage the human and ecological risks of cyanobacterial blooms and associated toxins. In this talk, we show recent Australian and overseas research published in the special issue "Cyanobacteria" in Marine and Freshwater Research (April 2020) in relation to 1) new ways of monitoring, 2) understanding the drivers of blooms, 3) cyanotoxins, and 4) management and mitigation of blooms. The research contributes to further our knowledge about inland-water cyanobacterial blooms and helps manage the ongoing issues for water management.