From deep to green: modelling drawdown impacts on reservoir plankton

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## Why study this type of event?

Reservoirs are a key buffer for water scarcity

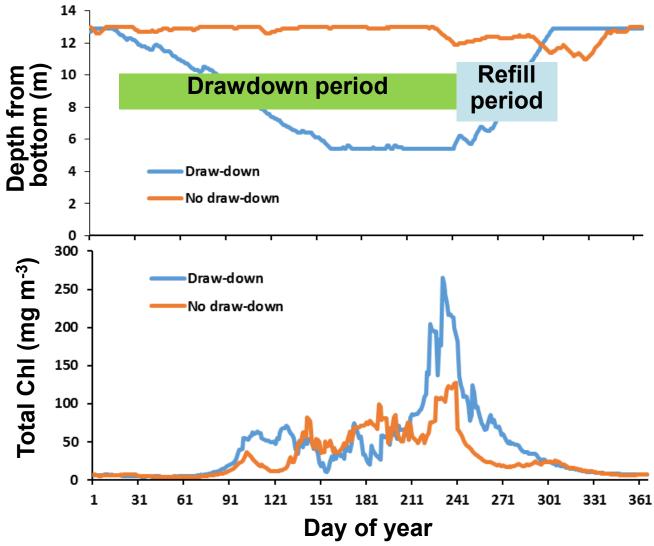
However, under drought conditions, they are utilized more heavily than normal

This can lead to large reductions in water level (drawdown)
Little practical experience of this effect



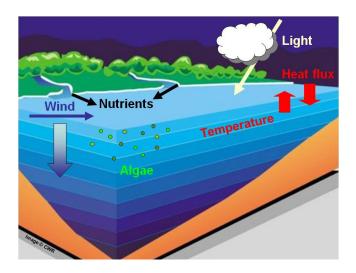


## What is a drawdown event?





## Modelling the drawdown event using PROTECH



The PROTECH model

8-10 phytoplankton species1 zooplankton group

