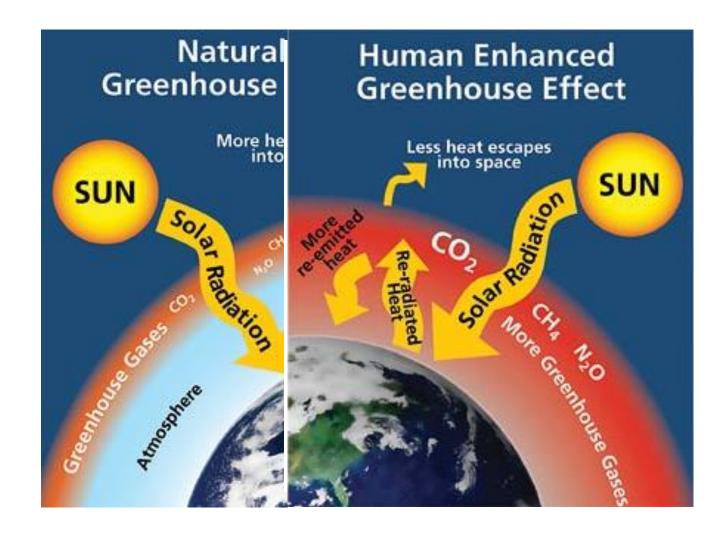
Greenhouse gas emissions from lakes

Arianto Budi Santoso &

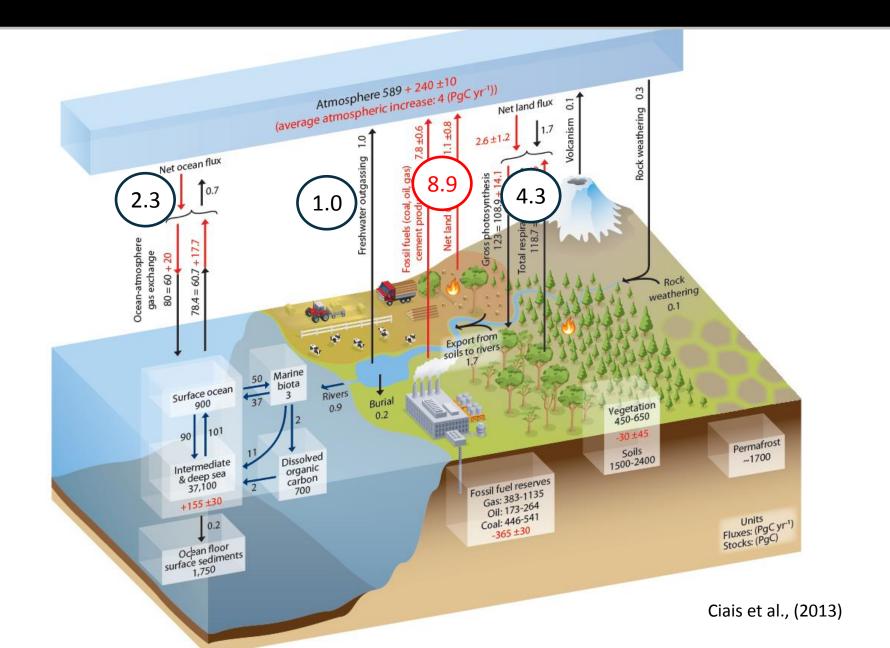
David Hamilton



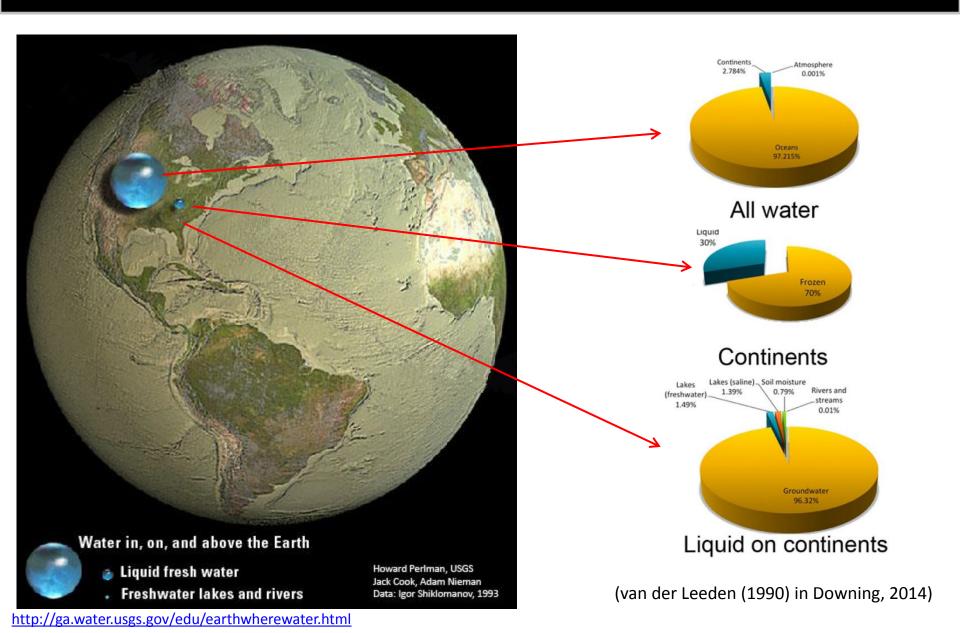
Greenhouse gas and global warming



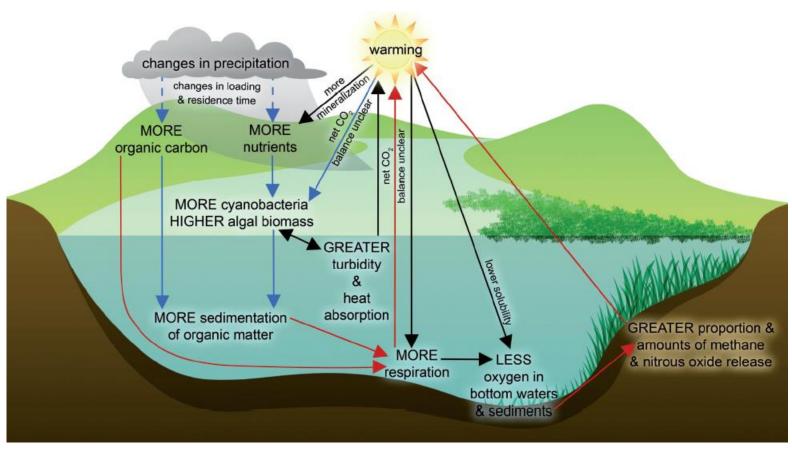
Global carbon balance



How much our water on Earth?



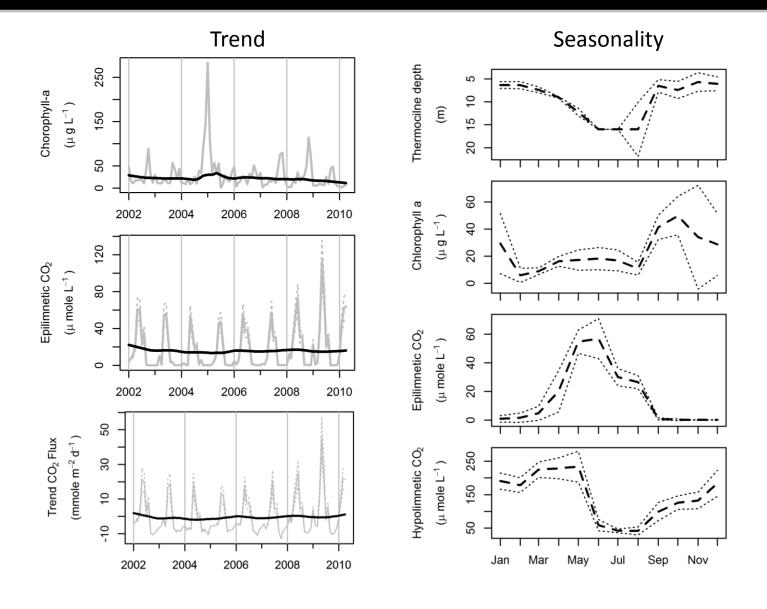
Climate change and eutrophication in lakes



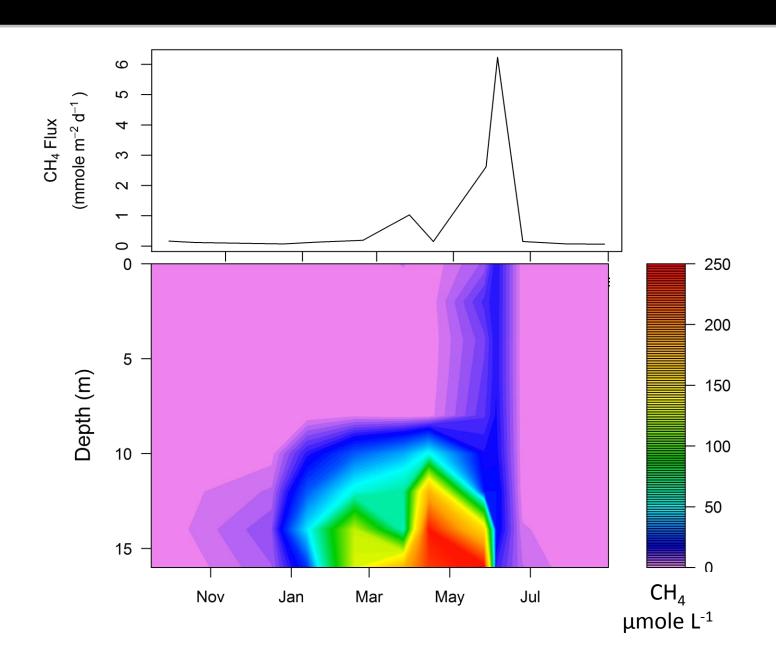
"People tend to focus on CO_2 emissions...but the reality is that for an agricultural country like NZ CH_4 and N_2O emissions are much more important" -Dr Joseph Lane (UoW)

Moss et al. (2011)

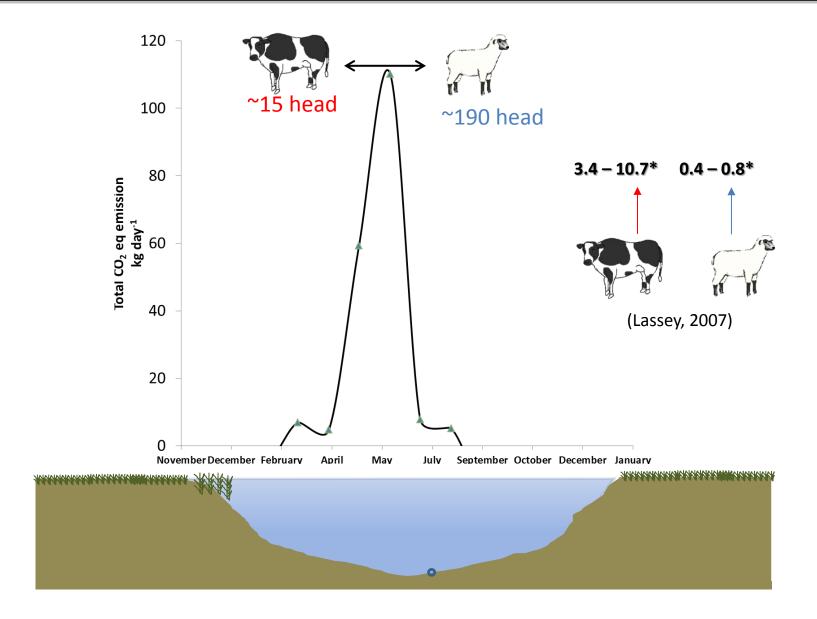
CO₂ flux from Lake Okaro: Seasonality and trend



CH₄ emission from Lake Okaro: Seasonality



Greenhouse gas emission (CO₂eq) from Lake Okaro



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Joseph Butterworth







