

## **Water, our most valuable asset. Use and misuse.**

Time Mondays 2.15–4.15pm. Knox College

**Session 1 June 24<sup>th</sup>** The oceans –resource and misuse a) Seawater chemistry–Dr. Rob Middag

on marine

b) Ocean warming and acidification–impacts biology.– Dr. Miles Lamarre

**Session 2 July 1<sup>st</sup>**. Oceans–Part 2 a). Impact of nutrient subsidies on on estuarine and coastal ecosystems. Dr. Candida Savage

b) Energy from the sea..

**Session 3 July 8<sup>th</sup>**. Fresh water in NZ/Otago Where it is, how it is distributed and how it is used. ORC Jens Rekker

**Session 4 July 15<sup>th</sup>**. Fresh water. a) How it is polluted and wasted. ORC  
b) How it is cleaned up–Alan Graham

**Session 5 July 22<sup>th</sup>**. Water use. Who owns it and who should control it. Forum Discussion.

Federation of Farmers( Matt Harcombe), ORC,( Frazer McRae) tangata Whenua, (Edward Ellison?) Forest and Bird (Sue Maturin?), Fish and Game (Niall Watson)

**Session 6 July 29<sup>th</sup>**.. a)Water in the World. Where is it. Where are the problems and future problems (Lakes, Rivers, rainfall distribution, underground reservoirs, etc.) Dr. Sarah Mager  
b) the oceans and climate. Dr. Daniel Kingston

Sessions are 2hrs with a 20 min coffee break. (2 X 50 min presentations.) Audience size up to 55

The purpose of the course is to look at the role water plays in our lives and how our Misuse orf it is affecting it. We will look at how this can be rectified now and in the future.