



University of the Third Age,  
Timaru

## Series 1, 2020

### WEATHER ... OR NOT

Organised by Jill Clarke & Solome Mair

*U3A lectures are for members only.*

We regret we're unable to welcome visitors to our lectures. It would be unfair to those who have been on the waiting list for a year or more.

**2 Mar      An Introduction to Dendrochronology      *Dr Gretel Boswijk***

This talk will provide an introduction to the science of dendrochronology and its applications in archaeology and climate reconstruction. In particular, I will discuss the development of a 4500 year tree-ring chronology from kauri (*Agathis australis*) and how the kauri record is being used to enhance understanding of recent and past environmental change in New Zealand.

We'll hold our **Annual General Meeting** immediately after the lecture on 2<sup>nd</sup> March. It won't take long; we hope most members will stay for the meeting and help us say "Thank you" to our retiring President, Owen Berrill. Afternoon tea will follow the AGM.

**9 Mar      The West Antarctic Ice Sheet: Vulnerability in a Warming World      *Dr Christina Hulbe***

Polar ice sheets are the largest source of higher end, long term sea level rise on Earth today and the ice sheet in West Antarctica is the largest source of uncertainty in the sea level rise projection. In this presentation I will explain why this is the case and share insights from the Aotearoa New Zealand Ross Ice Shelf Programme, an interdisciplinary effort to better understand the processes at work in this complicated system.

**16 Mar      Weather, Weather Everywhere      *Dr James Renwick***

New Zealand sits in the middle of the middle latitudes and feels the effects of the Southern Hemisphere westerly wind belt and its associated storms and anticyclones all year round. This talk will discuss the nature of the weather in Canterbury and over New Zealand, how the westerlies influence weather patterns across the South Island, and how human influence (climate change and the ozone hole) is affecting our day-to-day weather.

**2020 PROGRAMME:**

**Series 2:** Mar 30, Apr 6, 20 – **The Future of Democracy**

**Series 3:** May 4, 11, 18 - **Art**

**Series 4:** Jun 8, 15, 22 - **Medical Matters**

**Series 5:** Jul 6, 13, 20 - **Viewpoint**

**Series 6:** Aug 3, 10, 17 – **Speakers' Corner**

**Series 7:** Sep 7, 14, 21 – **The Future of Work**

**Series 8:** Oct 5, 12, 19 – **Music**

**Series 9:** Nov 2, 9, 16 – **The State of the Nation**

Visit [www.u3atimaru.org](http://www.u3atimaru.org) to check the upcoming programme, download a copy of the newsletter, check the U3A calendar, download a copy of talk notes, find information and an application form for people who want to join.

**Meetings**

West End Hall, 35a Maltby Avenue, Timaru.  
Lectures commence at 1.30 pm and conclude about 2.30 pm with questions to follow.  
Coffee/tea will be provided after the meeting.

*Please ...*

**Be seated by 1.20 pm**      Wear your name tag  
Turn your cell phone off      No talking during lectures  
Wait until the end of the lecture before asking questions  
Stand when asking a question, and wait for the microphone

**OFFICE BEARERS AND COMMITTEE**

**President:** Owen Berrill: Phone: (03) 686 1688  
**Vice President:** Kevin Foley: Phone: (03) 686 2209  
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