



Central Otago REAP Inc
U3A Membership Form
1 January - 31 December 2021

I wish to become a member of Central Otago REAP U3A.

Name/s:

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Address:

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Email:.....

Phone:.....

Please find enclosed Annual Subscription of:
\$10 per household



Please return to:
*Administration Secretary,
CO REAP, 14-20 Centennial Ave, Alexandra*

www.coreap.org.nz



Learners are encouraged to provide any information that will meet their learning needs, for example a disability, literacy issue or cultural issue.

A qualified Careers Coordinator at Central Otago REAP will be happy to help you with your plans for future employment and/or career path.

The office staff at Central Otago REAP will answer queries and provide access to a variety of community services.

Central Otago REAP, 14-20 Centennial Ave, Alexandra
Ph: (03)448-6115, Freephone: 0800 267 327
Email: admin@coreap.org.nz
www.coreap.org.nz

Central Otago REAP

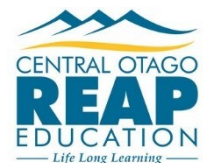


ALEXANDRA

**Climate
Change**



Series 5
Starting 22 October 2021



Venue: St Enochs Church, 12 Centennial Ave
Alexandra

Cost: \$5 per session

Dates: **Friday** 22, 29 Oct & 5, 12 November 2021

Time: 10.00am - 12.00pm

Bookings are essential for all sessions. Please book by email, phone or on our website - www.coreap.org.nz.

Session 1 - Friday 22 October

Speaker: Dr Jim Salinger

Impacts and Extremes in Central Otago

Dr Jim Salinger is a climate scientist of international repute, the first to uncover climate warming in New Zealand region in the 1970s. He contributed to the Nobel Peace Prize (2007) together with Intergovernmental Panel on Climate Change (IPCC) colleagues for ground-breaking work on climate change. He held several Visiting Professor positions including Stanford and University of Florence (Italy). Jim is an inexhaustible publisher in academic journals and prolific communicator of climate change to the public.

He was recently awarded the Jubilee Medal, premier award from the New Zealand Institute of Agricultural and Horticultural Science for lifetime achievements in climate and agricultural science. He is a Companion of the Royal Society of New Zealand.

The presentation will examine:

1. Documentation of climate change in the central Otago region over the last century;
2. Documentation of changes in climate extremes during the 20th century;
3. Projections of changes in climate for the 21st century;
4. Projections of climate extremes for the 21st century;
5. Changes in glacier ice;
6. Impacts



Session 2 - Friday 29 October

Speaker: Prof Lisa Ellis

Ethics and Politics of Climate Change (What should we do, and how can we do it?)

Lisa Ellis is a professor of philosophy and director of the Philosophy, Politics and Economics Programme at the University of Otago. Lisa studies environmental philosophy and policy because she is interested in how we can make decisions that allow us to flourish now and in the future. She has degrees from Princeton (BA) and Berkeley (PhD), and has written books and articles on topics ranging from the history of social contract theory to aviation emissions exceptionalism. Since moving to Dunedin (in 2014), she has worked with the Deep South Challenge, the Dunedin City Academic Reference Group, and others towards a just transition to environmental sustainability.

The 26th Conference of Parties of the United Nations Framework Convention on Climate Change is taking place next week (31 October-12 November) in Glasgow: we will hear that the world is not on track for the “under-1.5 degrees of post-industrial warming” target that gives us the best chance for climate stability. Here at home, we are having to amend our Climate Change Response (Zero Carbon) Amendment Act to give ourselves an extra half year (to May 2022) to specify how we will reach our own national emission reduction targets. The science (as you will have heard last week from Jim Salinger) is clear about what has to happen: why are political responses lagging behind? What can be done to bring our actions in line with our hopes for flourishing now and in the future? In this part of the course, we will talk about individual and collective actions (at the global, national, and local levels) that can move us toward climate stability.

Session 3 - Friday 5 November

Speaker: Dr Sebastian Gehricke

Sustainable Finance: Trends, Barriers, Risks and Opportunities

Dr Sebastian Gehricke joined the Otago team full-time as a Lecturer in June 2018. Before then, he was already part of the department as a PhD student and casual Lecturer/ Tutor, while also consulting on several projects.

Sebastian is the deputy director of the Climate and Energy Finance Group (CEFGGroup), which conducts research, host's events and develops curriculum in Sustainable Finance.

Cont'd...

Session 3 - Friday 5 November

Speaker: Dr Sebastian Gehricke, Cont'd.....

CEFGGroup is a leader in this space, being a founding member of the Global Research Alliance for Sustainable Finance and Investment (GRASFI) alongside Universities such as Oxford, Yale, Columbia, Stanford and many more. In this role he leads the Annual Assembly of Investment Chairs, leads the sustainable investments research theme and is currently teaching New Zealand's first undergraduate Sustainable Finance course.

Some of his recent research topics include: New Zealand's Emission Trading Scheme (ETS), exploring the investor ownership of global future emissions, Stated vs actual sustainable investment practices, and many more.

In this talk Dr Gehricke will outline what Sustainable Finance and its recent growth. Beyond this he will discuss what some of the barriers, risks and opportunities are and most applicably how this affects everyday New Zealanders and their personal financial well-being. Sebastian will also share some simple practical tools that can help everyday Kiwi's improve their personal finances and take advantage of this emerging trend.

Session 4 - Friday 12 November

Speaker: Dr Roger Browne

Climate Change 2021

Roger commenced his career in the mid 1960's as a scientist with the Physics and Engineering Laboratory of the DSIR. He has a BSc (Hons) in physics plus a ME and PhD in electronic engineering, all from Canterbury University. Prior to his retirement in 2007 he was a senior lecturer in electronic engineering at Massey University in Palmerston North.

Earth's climate has always changed. Paleoclimatology is the study of past climate, especially the distant past. How did climate change affect the way in which past civilizations built their towns and cities? We know that civilizations have risen and fallen on the basis of climate change. The sophisticated infrastructure that provides us with such a comfortable standard of living in our current world is particularly vulnerable in the face of large-scale climate change. What does that tell us about decisions that must be made to protect our future?

REGISTRATION FORM
U3A Series 5 - Climate Change 2021

Name:

Address:

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Phone:

Email.....

Ethnicity.....

Age Group: 40-49, 50-59, 60-69, 70-79, 80-89, 90+

Dates: Friday 22, 29 Oct & 5, 12 Nov 2021

Time: 10.00am - 12.00pm

Fee: \$5 per session

Please circle which sessions you would like to attend

\$5 \$5 \$5 \$5

Total Encl

1	2	3	4
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Please make cheques payable for Central Otago REAP
Payment can be made by direct credit to:
020916 0010890-00
(Please add your name & course as a reference)

Central Otago REAP, 14 - 20 Centennial Ave, Alexandra
Ph: 448-6115
Toll Free 0800 267 327, www.coreap.org.nz

Adult Community Education (ACE) Course

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U3A Series 5 - Climate Change 2021

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Address:

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Email.....

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