



**Warrnambool U3A And
Deakin University Present
A Public Climate Change Forum
“Achieving Net Zero by
2050”**



Guest Speakers-:
Prof Neville Nicholls— Global
Warming Science

Melbourne University—**Webinar**—
Engineering and Investment nationally
to achieve net zero

U3AWarrnambool
CSIRO predictions of climate outcomes
by 2050, and how do we fare?

Wannon Water—
Brierly Basin Floating Solar Array

Deakin University—Hycel
Technology Hub .Hydrogen in the
future

Local Government Representatives
What are the plans for SW Victoria

**Wednesday 12th April 10am to
4pm
Deakin University
Lecture Theatre B3, 03
This Forum is open to the public
however
Reservations are required via:
www.**

Globally and nationally, we are committed to achieve net zero emissions of greenhouse gases by 2050. This forum will explore progress and plans to achieve this goal globally, nationally, and at a local level in SW Victoria.

**10 am to 11 am - Keynote Address,
Prof Neville Nicholls**

Global warming science
Professor Nicholls spent 35 years as a Bureau of Meteorology researcher before moving to Monash University in 2006 where he is now an Emeritus Professor in the School of Earth, Atmosphere and Environment. His career has focussed on improving our understanding, monitoring, and prediction of weather and climate extremes including heatwaves, tropical cyclones, floods and droughts. This has included natural climate variations such as the El Niño - Southern Oscillation, as well as human-caused climate change. He taught the geopolitics of climate change at Monash, and is a Fellow of the Australian Academy of Science, the American Geophysical Union, and the Australian Meteorological and Oceanographic Society (of which he is a

past president). He participated in the first climate change assessment in 1990 by the UN Intergovernmental Panel on Climate Change. He has been a Lead Author or Coordinating Lead Author on four subsequent IPCC assessments.

11.15 to 12.00 - Presentation of initial results by a multi-agency research project lead by the STEM group at Melbourne University (webinar recording).

This project examines the likely engineering and investment requirements for Australia to reach net zero by 2050

12.00-1.00 - Lunch at Brother Fox café on campus (or picnic in the grounds)

1.30-2.00 - CSIRO predicted climate outcomes by 2050 for Australia
How will South West Victoria fare compared to the rest of Australia – Bill Gardner(U3AWarrnambool)

2.00-2.30 - Barwon South West Climate Alliance Sue Phillips
A FORMAL COLLABORATIVE PARTNERSHIP OF ORGANISATIONS IN

SOUTH WEST VICTORIA COMMITTED TO WORKING TOGETHER ON CLIMATE MITIGATION, ADAPTATION AND RESILIENCE PROJECTS, SHARING KNOWLEDGE AND ADVOCATING FOR A JUST, THRIVING AND CLIMATE RESILIENT REGION.

We believe collaboration is the remedy to climate despair. Working together we share what we know and leverage the power of joint effort to achieve more and produce better outcomes than we could ever manage alone

2.30-3.00 Initiatives by Wannon Water

Jessica Quinlivan - Planning & Development

- Jess will share our early stages of assessing the impacts of climate change and water,
- How we're evolving our long-term thinking towards climate change assessment and response
- She is also our Urban Water Strategy project lead

Murray Dancey - Program Manager Carbon Neutrality

Murray leads key environmental focused projects at Wannon Water including the Brierly Basin Floating Solar

- He will present on our carbon neutrality targets and response to climate change through key

projects with a focus on Brierly Basin

3.00-3.15 Stretch your legs

3.15-3.45 Initiatives by Deakin University

Hycel Hub (hydrogen in the future)

Alistair McCosh...Hycel is focused on technologies that use hydrogen rather than processes that produce it.

Hycel Technology Hub will be a 'living laboratory' that translates lab results into real-world solutions.

3.45-4.15 - Warrnambool City Council, Justin Hartzmeyer,

environment officer

Council has a number of initiatives to reduce the city's carbon footprint

Register here

