

New Zealand Antarctic Society

National Speaker for 2019



CHOOSING THE FUTURE OF ANTARCTICA

I will present two narratives on the future of Antarctica and the Southern Ocean looking forward 50 and 300 years.

In the first, greenhouse gas emissions remain unchecked, the climate continues to warm, and the policy response is ineffective; this has large ramifications in Antarctica and the Southern Ocean, with worldwide impacts.

In the second, ambitious action is taken to limit greenhouse gas emissions and to establish policies that reduce anthropogenic pressure on the environment, slowing the rate of change in Antarctica.

Choices we make in the next few years determine Antarctica's long term future.

Biographical note:

Tim Naish is a Professor in Earth Sciences and was Director, Antarctic Research Centre, at Victoria University of Wellington until 2017, when he took up a RSNZ James Cook Fellowship. His research focuses on past, present and future climate change with specific emphasis on Antarctic ice sheets and global sea-level. He has participated in 14 expeditions to Antarctica and helped found ANDRILL, an international Antarctic Geological Drilling Program. He was Lead Author on the Intergovernmental Panel on Climate Change (IPCC) 5th Assessment Report. He developed and co-leads the MBIE-funded NZ SeaRise Programme, which is improving location-specific sea-level projections for New Zealand, by taking into account latest polar ice sheet contributions and vertical land movements. He has received the New Zealand Antarctic Medal, the Martha Muse Prize for Antarctic Science and Policy, and is a Fellow of the Royal Society of New Zealand.

PRESENTER
Professor
Tim Naish

Antarctic
Research
Centre,
Victoria
University of
Wellington

Christchurch

Wednesday
September 18

Canterbury
Museum

6.00 to 7.00 pm

Auckland

Thursday
September 19

Old Government
House, 24 Princes St

6:00 to 7.00 pm.

Followed by branch AGM.

See Events page on Society website to reserve a place

Wellington

Thursday
October 17

VUW Kelburn Campus
Te Toki a Rata LT 1

6.00 to 7.00 pm

No reservations

Wanaka

Friday
October 18

Presbyterian
Community Centre

6.00 to 7:00 pm

Dunedin

Saturday
October 19

Otago Museum

2.00 to 3:00 pm

ALL WELCOME

For reservations/location details, see the Events page at

www.antarcticsociety.org.nz or www.facebook.com/NZAntarcticSociety