



Antarctic
Science Platform

WCRP
World Climate
Research Programme



Te Puna Pātiotio
Antarctic
Research Centre

IMPENDING CRISES IN THE CRYOSPHERE

Tipping Points and their Consequences

PUBLIC PANEL DISCUSSION

The accelerating loss of the cryosphere – mountain glaciers, polar ice sheets and ice shelves, sea ice, lake ice, snow and permafrost – is one of the clearest planet-wide consequences of global warming so far.

THURSDAY, 12TH FEBRUARY
7.00 – 8.30 PM

Lecture Theatre 1
Rutherford House
33 Bunny Street
Wellington

As our climate undergoes unprecedented shifts due to human-induced global warming, the cryosphere is at risk of crossing multiple, irreversible tipping points near 1.5-2°C of global warming.

Hear from leading international climate scientists about what we are in for, what can still be done and how we can adapt to this impending crisis in Earth's cryosphere. And have your say in an audience Q&A facilitated by Radio New Zealand climate change journalist **Kate Newton**.



FLORENCE COLLEONI

Melting polar ice sheets

National Institute of Oceanography and Applied Geophysics, Italy



RICHARD LEVY

Implications for sea-level rise

Earth Sciences New Zealand



PETRA HEIL

Disappearing sea ice

British Antarctic Survey



BEN MARZEION

Retreating glaciers

University of Bremen, Germany



LIZA MACK

An Arctic indigenous perspective

Aleutian Pribilof Island Community Development Association, Alaska

This event is presented by the Antarctic Science Platform in association with the **Climate and Cryosphere Open Science Conference**, organised by the World Climate Research Programme. Tickets are free but pre-registration is required. Please reserve seats using the QR code or by visiting <https://www.eventbrite.co.nz/e/tipping-points-in-the-cryosphere-tickets-1981534075762?aff=oddtcreator>. The session will be recorded.

