



The Royal Society  
of Western Australia

CENTENARY YEAR 1914-2014

# AN ARCTIC PERSPECTIVE ON CONTEMPORARY WARMING

## Professor Gifford Miller

University of Colorado and Curtin University

### Monday 16<sup>th</sup> March

6.00 pm - Refreshments; 6.30 pm - Presentation; 7.30 pm - Refreshments

**Exhibition Space, Building 500, Curtin University**

The average planetary temperature has risen  $\sim 0.7$  °C over the past 50 years, while the Arctic has warmed 2 to 3 times more. These are facts. But documenting warming does not provide attribution, and natural climate cycles may explain temperature change in the Arctic. Over the past decade, Professor Miller has sought to evaluate the extent to which recent Arctic warming is anomalous with respect to natural climate variability. Over 200 radiocarbon dates on rooted tundra plants revealed as passive ice margins recede provide compelling evidence that recent anthropogenic contributions to the atmosphere have resulted in summer warming well outside the range of natural climate variability.

**For refreshments :** Members free,  
Non-members - \$2 - \$5 donation



More information at : [www.rswa.org.au](http://www.rswa.org.au)

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