



INTERNATIONAL SYMPOSIUM ON TROPICAL ANTARCTIC TELECONNECTIONS (TATE)

Interconnected Climate Systems: Exploring the Linkages Between Tropical, Polar and Mid-Latitude Regions



Thursday, 16 May 2024



08:30 AM – 1:00 PM (+8 GMT)



TECHNOPOLIS CYBER ACADEMIA, NATIONAL UNIVERSITY OF MALAYSIA

OVERVIEW

The Earth's tropical and polar regions are interconnected, exchanging heat, moisture, and momentum, influencing global climate dynamics. Recent decades have seen significant climate changes in the Arctic and Antarctic, with the Arctic experiencing rapid temperature increases and sea ice retreat, known as Arctic Amplification. These changes in the polar regions have widespread effects on climate patterns in mid-latitudes.

In collaboration with the Malaysian International Seminar On Antarctica (MISA10), the Tropical Antarctic Teleconnections (TATE) action group, affiliated with the Scientific Committee on Antarctic Research (SCAR), is organizing an international symposium titled "Interconnected Climate Systems: Exploring the Linkages Between Tropical, Polar and Mid-Latitude Regions". This symposium, sponsored by TATE, and is jointly organized by the National Antarctic Research Center, UM-FASS Climate Change Research Group at University Malaya, and the Sultan Mizan Antarctic Research Foundation (YPASM).

OBJECTIVES

- Evaluate how teleconnections between the tropics/mid-latitudes and polar regions affect the polar atmosphere-ocean-sea ice system.
- Improve our understanding of the pathways connecting the tropics and polar regions in both the troposphere and stratosphere through advancements in tropical-polar teleconnection research.
- Investigate the wide-ranging effects of polar amplification and its connections to extreme weather events in middle/low latitudes.
- Establish scientific priorities, emphasizing key areas of focus, and develop policy summaries addressing tropical-polar teleconnections.

POTENTIAL PANELISTS



Prof. Seong-Joong Kim
Korea Polar Research Institute



Prof. Francisco Eliseu Aquino
Universidade Federal do Rio Grande do Sul



Dr Nuncio Murukesh
National Centre for Polar and Ocean Research



Dr Pranab Deb
Indian Institute of Technology, Kharagpur

Info & Registration

Register online:

<https://forms.gle/wqdCFb9uVxSaQg8V8>

Deadline: 15 April 2024



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