

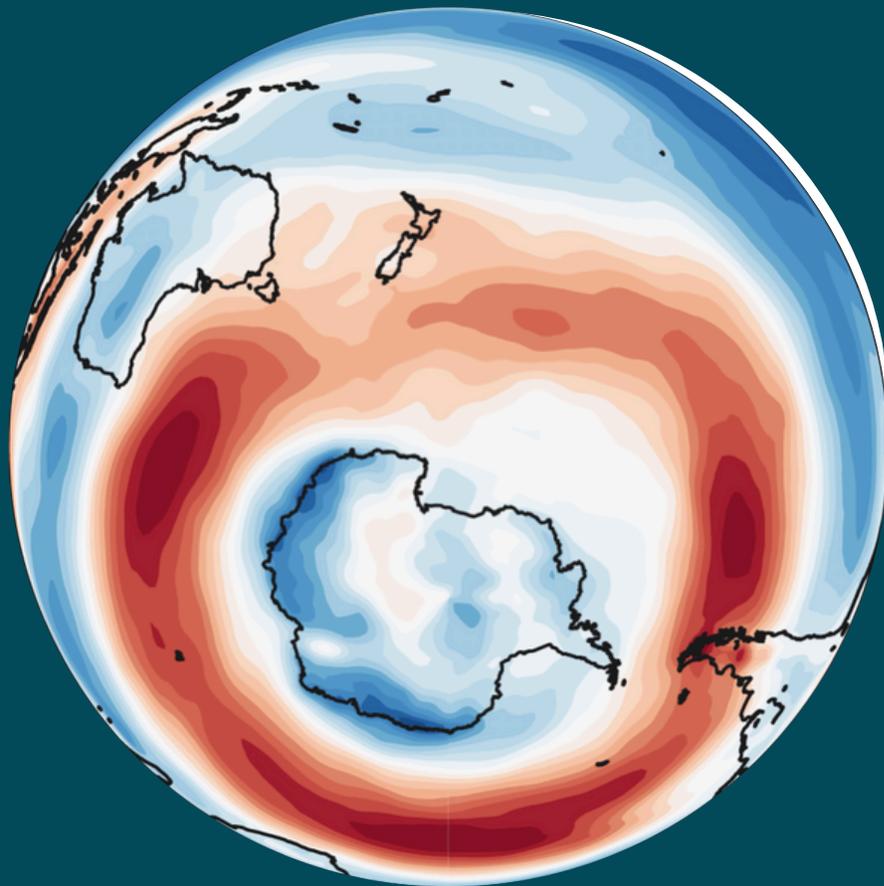


**Academic Launchpad**  
*Your path to success...*

# CLIMATE MODELLING

## *Foundational Program*

Decode climate change through models



**MORE INFORMATION**

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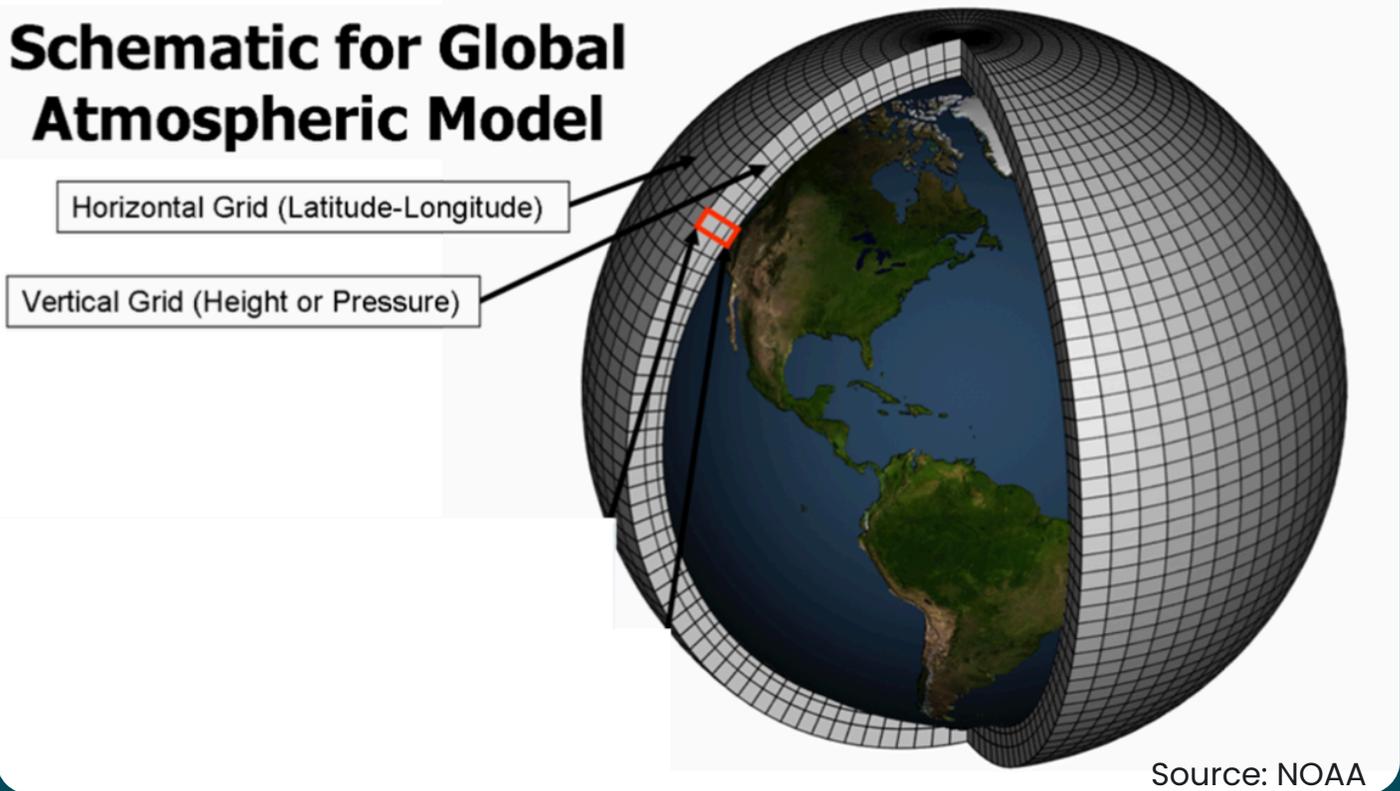


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## Schematic for Global Atmospheric Model



### ABOUT PROGRAM

This course provides a strong, beginner-friendly foundation in climate modelling through a practical, application-oriented perspective. It is designed for students, researchers, and professionals who want to understand how climate models work in practice, how climate projections are developed, and how model outputs are interpreted and used in real-world decision-making.

#### MORE INFORMATION

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\*30 minutes one-to-one doubt clearing sessions

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## PROGRAM OUTLINE:

### Basics of climate modelling

From 1-D models to GCMs/RCMs

### CMIP5 & CMIP6

Emissions scenarios & how they are developed

### Climate models

Inputs, initial & boundary conditions

### Statistics

How to read maps & results

### Climate variability and climate change

Trend analysis and uncertainty estimation

Every participant will run a 1-D model for different emission scenarios (depending upon time and availability)

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## WHY CHOOSE US?

**Designed for Absolute  
Beginners**

**Expert-Led Instruction**

**From Basics to  
Applications**

**Industry-Relevant,  
Future-Ready Skills**

**Confidence to Work  
Independently**

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## COURSE DETAILS

**Start Date: Early March**

**MAR**



**Schedule: Saturdays only**



**Session Length: 1-1.5 hours**



**Course Duration: 2 months**



**Prerequisites: No prior climate modelling knowledge required**



**Certificate on course completion**



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Fee Structure

**Full Course Plan**

**\$90 AUD**

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