



Michael Gonsalves <mlgonsal@hawaii.edu>

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**Fwd: ATMO Dept Seminar Series, Wednesday, 10/09/2024, at 3:30 PM in MSB 100**

1 message

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Michael Gonsalves <mlgonsal@hawaii.edu>

Thu, Oct 3, 2024 at 12:02 PM

To: Michael Gonsalves <mlgonsal@hawaii.edu>

Please join us for a Fall seminar in Atmospheric Sciences. It will be hybrid (in-person and online) in MSB 100 and via Zoom for remote attendance.

When: Wednesday, October 9, 2024, at 3:30PM HST

Where: MSB 100 (Marine Sciences Building, UH Manoa Campus) and Zoom

Zoom Invitation Link: <https://hawaii.zoom.us/j/94517824033>

Meeting ID: 945 1782 4033

Passcode: 941064

## Double Feature:

# Building Planets, Using General Circulation Models to Understand Extreme Weather and Large-Scale Dynamics in a Changing Climate

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# Actual Actions to Address Underrepresentation in Climate Science

Veeshan "Vee" Narinesingh, Ph.D.

Physical Scientist, Atmospheric Physics Division

NOAA Geophysical Fluid Dynamics Laboratory (GFDL)

Chair, GFDL Diversity, Equity, Inclusion, & Accessibility Committee (DEIAC)

### ABSTRACT:

General Circulation Models (GCMs) are some of humankind's best tools for understanding earth's climate in the past, present, and possible futures. In this talk we will discuss applications of GCMs to understand the behavior and proliferation of atmospheric blocking (persistent anticyclones) and extreme heat events in current and future possible climates. This will include the use of idealized model simulations modifying orography and sea surface temperature, up through fully coupled, comprehensive GCMs.

We will also discuss initiatives that GFDL is leading to increase the participation of diverse scientists and communities in climate science research.

BIO:

Dr. Veeshan "Vee" Narinesingh (he/him/his) is a New York raised, Trinidadian American physicist at NOAA Geophysical Fluid Dynamics Laboratory (GFDL). He specializes in large-scale atmospheric dynamics and weather extremes, in addition to the advancement of diversity, equity, inclusion, and accessibility (DEIA) in science. 50% of his job is dedicated to scientific research and 50% to DEIA. Vee completed his postdoctoral work at NOAA GFDL and Princeton University's Cooperative Institute for Modeling the Earth System (CIMES), and his Ph.D. and B.S. in Physics at The City University of New York (CUNY). He also has an expansive background in DEIA, creating and leading many initiatives over the years for both the public and private sectors.

*As a security precaution, unmuting microphones, starting video, screen share, and using the 'chat' feature will be disabled for those attending the seminar, except for ATMO faculty. If you would like to say something, please use the 'raise hand' feature. The host or a co-host can then enable you to unmute your microphone.*

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