

# Whole Atmosphere Working Group (WAWG)

30th Annual CESM Workshop  
June 11th, 2025

Wednesday, June 11th, 13:00 pm - 16:00 pm

*\* All times are MDT; **Speakers:** 10-12 min. talk. Please leave 3-5 min at the end of your slot for questions.*

Time	Topic	Speakers
13:00	WAWG Development Updates	Martina Bramberger & Nick Pedatella
13:20	Dynamical and chemical variabilities in CESM3-WACCM7	Mijeong Park
13:35	Record-high Ozone in Southern Mid-latitude Tropopause Region Driven by Dynamical and Chemical Effects of the 2019 Sudden Stratospheric Warming	Selena Zhang (virtual)
13:50	G2-SAI: pre-industrial and 21st-century responses to climate intervention with stratospheric aerosols in CESM2-WACCM6	Walker Lee
14:05	Recent updates on representing large volcanic eruptions in CESM	Daniele Visioni
14:20	Open Discussion	
<b>14:30</b>	<b>BREAK</b>	
15:00	Contribution of gravity waves to the lower thermospheric winter-to-summer meridional circulation in high-resolution WACCM-X	Dai Koshin
15:15	WACCM-X studies of the thermospheric hydrogen response to solar activity and to impacts of greenhouse gases across atmospheric regions	Susan Nossal
15:30	Seasonal Changes in the Thermosphere from WACCM-X Future 21st Century Projections	Joe McInerney
15:45	Open Discussion	
<b>16:00</b>	<b>ADJOURN</b>	

## Posters

	Polar Stratospheric Cloud Climatology by composition (2006-2021)	Illeana Gomez-Leal
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