

National Aeronautics and
Space Administration
Headquarters
Washington, DC 20546-0001



Reply to Attn of: SMD/Earth Science Division

March 18, 2022

Dr. Albrecht von-Bargen
Chair, Joint CEOS-CGMS Working Group on Climate
Committee on Earth Observation Satellites

REF: Vice Chair Nomination for the Joint CEOS-CGMS Working Group on Climate

Dear Dr. von-Bargen:

The NASA Science Mission Directorate/Earth Science Division presents the nomination of Dr. Wenying Su, senior scientist at the NASA Langley Research Center in Hampton, Virginia, for the position of Vice Chair of the Joint CEOS-CGMS Working Group on Climate (WGClimate) for a two-year term beginning at the 2022 CEOS Plenary and followed by a two-year term as WGClimate Chair beginning at the 2024 CEOS Plenary. NASA is also prepared to support the WGClimate meeting and secretariat functions associated with Dr. Su as Chair in two years' time.

Dr. Su has been an active member of the WGClimate since 2016. With her leadership, NASA contributed approximately 30 percent of the climate data records in the Essential Climate Variable (ECV) Inventory. In 2018, she co-led the WGClimate Atmospheric ECV Gap Analysis team that identified gaps in ECV data records and informed space agencies for their coordinated mission planning. She was one of the lead authors of the CEOS "ECV-Inventory Gap Analysis Report" and of the "WGClimate Coordinated Action Plan" published in 2018; a member of the atmospheric writing team that formulated the space agencies' response to the Global Climate Observing System Implementation Plan published in 2016; and she contributed to the CEOS greenhouse gas white paper, "A Constellation Architecture for Monitoring Carbon Dioxide and Methane from Space."

Dr. Wenying Su is currently a member of the Subcommittee on Space-based Observations, under the Interagency Council for Advancing Meteorological Services (ICAMS) Committee on Observational Systems (COBS). She is also co-leading the WGClimate Use Case initiative with colleagues from World Meteorological Organization. Its objectives are to demonstrate the value of space-based Earth observation for societal benefit and decision making, and to illustrate the importance of satellite observations for climate monitoring and climate service. She is a member of the Group on Earth Observations (GEO) Climate Change Working Group as a CEOS representative, coordinating the CEOS contributions to the GEO engagement with the United Nations Framework Convention on Climate Change (UNFCCC) and the Intergovernmental Panel on Climate Change (IPCC) and enhancing the use of Earth observations for mitigation. Lastly, Dr. Su is the Coordinating Lead Author for the fifth U.S. National Climate Assessment.

Dr. Albrecht von-Bargen
Chair, Joint CEOS-CGMS WGClimate
March 18, 2022
Page 2 of 2

We understand that this nomination will be presented to the Joint CEOS-CGMS WGClimate during its meeting on 22 and 24 March 2022, and that the final nominee will be proposed for endorsement by CGMS principals at their plenary on 15-17 June 2022, and by CEOS principals at their plenary on 29 November - 1 December 2022.

On behalf of NASA as a member of CEOS and CGMS, thank you for your leadership in the Joint CEOS-CGMS WGClimate. In closing, let me reaffirm that we fully support Dr. Wenying Su as a highly qualified and engaged nominee for the position of WGClimate Vice Chair.

Sincerely,

Karen M. St. Germain, Ph.D.
Director, Earth Science Division
NASA Science Mission Directorate

cc: Selma Cherchali, CEOS Chair
Simonetta Cheli, CEOS SIT Chair
Jeff Privette, WGClimate Vice Chair
Marie-Claire Greening, CEOS Executive Officer