

Kaoru Sato

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Kaoru Sato is a professor of atmospheric physics at the University of Tokyo, Japan. She has contributed to studies of the dynamics of atmospheric gravity waves in terms of their generation, propagation, and interaction with the mean flow. Her recent research topic has been the interhemispheric coupling processes that arise through the interplay of Rossby waves and gravity waves in the middle atmosphere. She has tackled this topic using a combination of high-resolution observations and numerical model simulations. She is a leader of the Program of the Antarctic Syowa mesosphere–stratosphere–troposphere/incoherent scatter radar (PANSY). She is the recipient of the Commendation for Contributors to Promotion of an Oceanic State from the Prime Minister of Japan and the Prize for Science and Technology from the Minister of Education, Culture, Sports, Science and Technology of Japan. She received her B.S. and M.S. degrees from the University of Tokyo and her Ph.D. degree from Kyoto University. Before serving in her present position, she worked as an assistant professor at the University of Tokyo and Kyoto University and as an associate professor at the National Institute of Polar Research. She also stayed at Syowa Station in the Antarctic as a wintering party member in 2002–2004.