

Sarah KANG

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Dr. Sarah Kang is Associate Professor at the School of Urban and Environmental Engineering at Ulsan National Institute of Science and Technology (UNIST) in South Korea. She received her Bachelor's degree in Atmospheric Science from Seoul National University in 2004 and Ph.D. in Atmospheric and Oceanic Sciences from Princeton University in 2009, advised by Dr. Isaac Held at GFDL. After graduation, she worked in the Department of Applied Physics and Applied Mathematics at Columbia University as a post-doc under the supervision of Dr. Lorenzo Polvani until she joined UNIST in 2011. She has pioneered the theoretical work on the extratropics-to-tropics teleconnection based on the atmospheric energy budget. She has now expanded her research to examine the role of ocean dynamics for the extratropics-to-tropics teleconnection by developing a hierarchy of ocean models. Since 2008, she has published 23 papers in SCI journals with h-index of 13.