Personal Information				
Given Name	SI-WAN	Surname	KIM	
Organization	NOAA Earth System Research Laboratory & CIRES			
Position	Research Associate	Nationality	U.S.A.	
Field of Expertise	Atmospheric chemistry modeling and analysis, Mesoscale meteorology and its role in tracer transport, Turbulence			
Title of Presentation	Benefits from air quality model simulations at various scales			

Education

Ph.D., Atmospheric Sciences, Seoul National University, Seoul, Korea, 2001
M.S., Atmospheric Sciences, Seoul National University, Seoul, Korea, 1995
B.S., Earth Sciences Education, Seoul National University, Seoul, Korea, 1993

Professional Experience

2016 – present, Visiting Scientist, Research Professor, Yonsei University, Seoul, South Korea
2005 – present, Research Scientist I, II, III, University of Colorado/CIRES
Affiliate Scientist, NOAA/ESRL/CSD, Boulder, CO, U.S.A.
2001 – 2005, Postdoctor, Visitor, Mesoscale and Microscale Meteorology,
National Center for Atmospheric Research, Boulder, CO, U.S.A.

Awarded proposals

2017 KMA/ETRI
"Applications of GK-2A to climate and air quality studies"
2015 NOAA NESDIS JPSS PGRR (FY15-17)
"Understanding emissions and tropospheric chemistry using NUCAPS and VIIRS"
2013 NASA ROSES ACMAP (FY15-17)
"Quantifying long-term changes in U.S. emissions and their impacts on tropospheric ozone"
2013 NASA GEO-CAPE science team, Emissions Working Group
"Assessing anthropogenic VOC emissions using satellite retrievals of HCHO"