Jialin Yan

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EDUCATION BACKGROUND

Stony Brook University, NY, United States
Pursuing a Ph.D. in Atmospheric Science, Advisor: Pavlos Kollias   08/2022-present

Lanzhou University, Gansu, China
M.S. in Atmospheric Sciences   09/2019-06/2022
Thesis: Low-level Cloud Properties and Their Relationships to Meteorology at the SACOL Site
B.S. in Atmospheric Sciences   09/2015-06/2019
Thesis: Case Study of Cirrus Cloud Microphysical Property Retrieval Using KAZR

University of Wisconsin-Madison, WI, United States
Visiting Graduate Student Program   09/2019-01/2020
Courses: Meteorological Satellite Application, Global Climate Process, Physics of Atmosphere and
  Ocean

EMPLOYMENT EXPERIENCE

Teaching Assistant   08/2022-present
Stonybrook University
Courses: ATM 205 Introduction to Atmospheric Sciences, ATM 102 Weather and Climate

Research Assistant   09/2019-06/2022
Lanzhou University
Project: Remote Sensing of Clouds and Aerosols

Teaching Assistant   04/2020-07/2020
Lanzhou University
Courses: Atmospheric Science Programming

Undergraduate Summer Intern   08/2018
Shandong Meteorological Bureau

ACTIVITIES

Gansu Mathematical Contest in Modeling for College Students (Second Prize)   12/2017

Undergraduate Training Program for Innovation and Entrepreneurship   11/2016-11/2017
Project: Application of AERMOD Model in SO_2 Atmospheric Capacity Measurement in Xigu
District, Lanzhou

National Innovative Entrepreneurial Contest for Meteorology   06/2016

PEER-REVIEWED ARTICLES

Wang, Z. and **coauthors** (2022). Interannual shift of tropical high cloud diurnal cycle under global warming. Climate Dynamics, 59(11-12), 3391-3400.

Dong, Z. and **coauthors** (2023). Comparisons of cirrus clouds and their linkages to meteorology at the SACOL and the SGP sites. Atmospheric Research, 281, 106467.

RELATED SKILLS&LANGUAGE

Skills: IDL, Python, NCL, Fortran**,** SPSS, Microsoft Office, Linux, LaTeX

Languages: Mandarin (Native), English