BIOGRAPHICAL SKETCH:
JIACHENG WU
(KASENG NG, 伍家成)

EDUCATION

PhD Physical Oceanography, Peking University *2025.05(expected)*

BSc Atmospheric Sciences, Peking University *2020*

SELECTED AWARDS AND HONORS

Young Scientist (PhD student) Fund (Top 0.1%) *2024*

National Scholarship (Top 1%) *2021*

Peking University May 4th scholarship (Top 1%) *2019*

Silver Medal, International Physics Olympiad *2016*

SERVICE

Azure Space (Academic organization in Peking University) Chairman | member *2020-2023*

Reviewer Journal of Climate | Earth System Dynamics | Remote Sensing

Student Reviewer EGU 2023

TEACHING

Field Practice in Lenghu (Teaching Assistant) Spring *2024*

Geophysical Fluid Dynamics (Teaching Assistant) Autumn *2022*

Fluid Dynamics (Teaching Assistant) Autumn *2021*

SELECTED PUBLICATIONS

Wu, J., Y. Liu, R. Huang, J. Xie, Z. Wang and S. Zhang (2024), **Ekman Theory with Damping.** *(Submitted to Nature)*

Wu, J., and Y. Liu (2024), **Influence of Orbital Forcing on the Snowball Earth Deglaciation.** *(Accepted, Geophysical Research Letters)*

Wu, J., and Y. Liu (2023), **Response of the Snowball Earth Climate to Orbital Forcing at a High CO2 Level.** *Journal of Climate*

Wu, J., Y. Liu, and Z. Zhao (2021), **How should snowball earth deglaciation start.** *Journal of Geophysical Research: Atmospheres*

SELECTED CONFERENCES

AGU 2024: **Influence of Orbital Forcing on the Termination of Snowball Earth.** *Poster*

EGU 2023: **Response of the Snowball Earth Climate to Orbital Forcing at a High CO2 Level.** *Oral (High light)*