

# Linqiang He, Ph.D.

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🔗 <https://helq1116.github.io/>

📖 Climate evolution, Climate modeling, Climate dynamics

## Education

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2019.09 - 2024.06    **Ph.D.**, Meteorology

Institute of Atmospheric Physics, Chinese Academy of Sciences

Thesis title: Cenozoic evolution of Asian rainy season in warm periods

2015.09 - 2019.06    **B.S.**, Atmospheric Sciences

Nanjing University of Information Science and Technology

## Professional Experience

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2024.08 – Present    **Postdoc**, Lamont-Doherty Earth Observatory, Columbia University

## Selected Publications

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### (Published)

**He, L.**, Zhou, T., et al. 2024. Earlier seasonal march of the East Asian summer monsoon in the mid-Pliocene. *J. Climate*. <https://doi.org/10.1175/JCLI-D-23-0709.1>

**He, L.**, Zhou, T., et al. 2024. Northward extension of East Asian summer monsoon since the Miocene driven by the Tibetan Plateau uplift. *Geophys. Res. Lett.* <https://doi.org/10.1029/2023GL107262>.

**He, L.**, Zhou, T., et al. 2022. South Asian summer rainfall from CMIP3 to CMIP6 models: biases and improvements. *Clim. Dyn.* <https://doi.org/10.1007/s00382-022-06542-4>.

**He, L.**, Hao, X., et al. 2021. How Do Extreme Summer Precipitation Events Over Eastern China Subregions Change? *Geophys. Res. Lett.* <https://doi.org/10.1029/2020GL091849>.

**He, L.,** Hao, X., et al. 2021. The asymmetric impacts of ENSO modoki on boreal winter climate over the Pacific and its rim. *Clim. Dyn.* <https://doi.org/10.1007/s00382-020-05395-z>.

**(In review)**

**He, L.,** Zhou, T., et al. 2024. Cenozoic spring persistent rainfall: emergence in East Asia, decline in North America

**He, L.,** Zhou, T., Zhun, G. 2024. Past warm intervals inform the future South Asian summer monsoon.

## **Conferences**

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**AGU2024**      Mid-Pliocene Informs Future Seasonal March of East Asian Summer Monsoon  
(poster, funded by department)

## **Honors and Awards**

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2018      **The Principal's Scholarship** (10,000 RMB)  
Nanjing University of Information Science and Technology

2020      **The Excellent Freshman Scholarship** (20,000 RMB)  
Institute of Atmospheric Physics, Chinese Academy of Sciences

## **Services**

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Reviewer for *Geophysical Research Letter*, *Climate dynamics*

Reviewer for *AGU2024 Outstanding Student Presentation Awards Program*

## **Media Releases**

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2024      [Miocene Uplift of Tibetan Plateau Shapes Today's Monsoon Seasonal March](#)

2024      [Mid-Pliocene informs future seasonal march of the East Asian summer monsoon](#)