Curriculum vitae with track record (for researchers)

Personal information

First name, Surname:	Anqi Lyu		
Date of birth:	18/01/1994	Sex:	Female
Nationality:	Chinese		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	https://orcid.org/0000-0002-2026-5247		
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Education

Year	Faculty/department - University/institution - Country
2022 (dissertation defended)	Ph.D. (Université catholique de Louvain, Belgium)
2017	Master (Nanjing University, China)

Positions - current and previous

(*Academic sector/research institutes/industrial sector/public sector/other)*

Year	Job title – Employer - Country
2022-	Postdoc- Nansen Environmental and Remote Sensing Center -Norway

Track record

Peer-reviewed oublications

1. Lyu, A., & Yin, Q. (2022). The spatial-temporal patterns of East Asian climate in response to insolation, CO2 and ice sheets during MIS-5. Quaternary Science Reviews, 293, 107689.

2. Su, Q.*, Lyu, A.*, Wu, Z., & Yin, Q. (2022). Diverse response of global terrestrial vegetation to astronomical forcing and CO2 during the MIS-11 and MIS-13 interglacials. Climate Dynamics, 1-18. (Su and Lyu contributed equally to this paper)

3. Lyu, A., Yin, Q., Crucifix, M., & Sun, Y. B. (2021). Diverse regional sensitivity of summer precipitation in East Asia to ice volume, CO2 and astronomical forcing. Geophysical Research Letters, 48, e2020GL092005

4. Lyu, A., Lu, H. Y., Zeng, L., Zhang, H. Y., Zhang, E. L., & Yi, S. W. (2018). Vegetation variation of loess deposits in the southeastern Inner Mongolia, NE China over the past ~1.08 million years. Journal of Asian Earth Sciences, 155, 174-179.

5. Sun, Y., Wang, T., Yin, Q., Lyu, A., Crucifix, M., et al. (2022). A review of orbital-scale monsoon variability and dynamics in East Asia during the Quaternary. Quaternary Science Reviews, 288, 107593.

6. Zeng, L., Yi, S. W., Zhang, W. C., Feng, H., Lyu, A., Zhao, W. et al. (2020). Provenance of loess deposits and stepwise expansion of the desert environment in NE China since~ 1.2 Ma: Evidence from Nd-Sr isotopic composition and grain-size record. Global and Planetary Change, 185, 103087.

7. Lu, H., Yin, Q., Jia, J., Xia, D., Gao, F., Lyu, A., et al. (2020). Possible link of an exceptionally strong East Asian summer monsoon to a La Niña-like condition during the interglacial MIS-13. Quaternary Science Reviews, 227, 106048.

8. Zeng, L., Lu, H. Y., Li, Y. X., Lyu, A., Zhang, W. C., et al. (2016). New magnetostratigraphic and pedostratigraphic investigations of loess deposits in north-east China and their implications for regional environmental change during the Mid-Pleistocene climatic transition. Journal of Quaternary Science, 31(1): 20-32.

Selected Conference abstracts and Oral communication

1. Lyu, A., 2015. Plant composition change in the Northeastern China since the Last Glaciation. The International Symposium on Aeolian Deposits in Earth History.

2. Lyu. A., Su, Q. Q., Yin, Q., & Beger, A., 2018. Astronomical control on Southern and Eastern Asia interglacial climate. EGU General Assembly 2018.

3. Lyu, A., & Yin, Q., 2019. Comparison of climate in South and East Asia and high latitudes based on LOVECLIM and HadCM3 simulations during Last Interglacial and Holocene. PAGES' QUIGS workshop.

4. Lyu, A., Yin, Q., Crucifix, M., & Berger, A., 2019. Relative effects of precession, obliquity and eccentricity on the interglacial climate over Eastern and Southern Asia. 20th INQUA Congress.

5. Lyu, A., & Yin, Q., 2020. The climate response to the astronomical forcing and greenhouse gases in East Asia during the Last Interglacial based on HadCM3 simulations. AGU Fall Meeting.

6. Lyu, A., & Yin, Q., 2020. The Effects of Astronomical Forcing and Greenhouse Gases on the Last Interglacial Climate in East Asia. PMIP 2020 Conference.

7. Lyu, A., & Yin, Q., 2022. East Asian climate response to insolation, CO2 and ice sheets during MIS-5 and indication for the future. PAGES 6th Open Science Meeting.