

付亚男

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教育背景

2023 年 3 月 -	中国科学院大气物理研究所，气象学，博士研究生 指导教师：孙建华 研究员
2020 年 9 月 - 2023 年 2 月	中国科学院大气物理研究所，大气科学，硕士研究生 指导教师：孙建华 研究员
2008 年 9 月 - 2012 年 6 月	成都信息工程大学，大气科学，理学学士

工作经历

2012 年 7 月 - 2016 年 11 月	呼伦贝尔市气象台，预报员
2016 年 12 月 - 2020 年 7 月	呼伦贝尔市气象台，副台长

获奖情况

2023 年 9 月	大气物理研究所 2023 年度学术年会 最佳墙报奖 北京
2023 年 6 月	中国科学院大学 “三好学生” 北京
2023 年 3 月	暴雨东湖论坛 优秀论文 湖北 武汉
2022 年 8 月	第四届全国中尺度气象学论坛 最佳墙报奖 浙江 杭州

已发表的论文

- Fu Y., Sun J., Fu S., Zhang Y., & Ma Z. (2023). **Initiations of mesoscale convective systems in the middle reaches of the Yangtze river basin based on FY-4A satellite data: statistical characteristics and environmental conditions.** Journal of Geophysical Research: Atmospheres. Accepted. DOI: [10.22541/essoar.167590840.05058041/v1](https://doi.org/10.22541/essoar.167590840.05058041/v1)
- Yang, W., Fu, S., Sun, J., Wang, H., **Fu, Y.**, & Zeng, C. (2023). Moisture Transport and Associated Background Circulation for the Regional Extreme Precipitation Events over South China in Recent 40 Years. Journal of Tropical Meteorology, 29(1), 101–114. DOI: [10.46267/j.1006-8775.2023.008](https://doi.org/10.46267/j.1006-8775.2023.008)
- 张元春, 孙建华, 傅慎明, 汪汇洁, **付亚男**, 汤欢, 魏倩. (2023). “21.7”河南特大暴雨的中尺度系统活动特征. 大气科学. DOI: [10.3878/j.issn.1006-9895.2302.22135](https://doi.org/10.3878/j.issn.1006-9895.2302.22135)
- Fu, Y.**, Sun, J., Fu, S., & Zhang, Y. (2023). Comparison between warm-sector and frontal heavy rainfall events in South China and the objective classification of warm-sector heavy rainfall events. Meteorology and Atmospheric Physics, 135(1), 11. DOI: [10.1007/s00703-022-00949-8](https://doi.org/10.1007/s00703-022-00949-8)

参加的学术会议

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| 2023 年 9 月 | 大气物理研究所 2023 年度学术年会
北京, 墙报 |
| 2023 年 8 月 | 第五届全国中尺度气象学论坛
宁夏 银川, 墙报 |
| 2023 年 8 月 | 第 20 届亚洲-大洋洲地球科学学会年会 (The 20 th Annual Meeting of Asia Oceania Geosciences Society)
新加坡, 口头报告 |
| 2023 年 5 月 | 第 15 届国际中尺度对流系统会议 (The 15 th International Conference on Mesoscale Convective Systems)
线上, 墙报 |
| 2023 年 3 月 | 暴雨东湖论坛
湖北 武汉, 墙报 |
| 2022 年 8 月 | 第四届全国中尺度气象学论坛
浙江 杭州, 墙报 |

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Education

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|--------------------------|---|
| 2023.03 – Present | Institute of Atmospheric Physics, University of Chinese Academy of Sciences, China
PhD Student in Meteorology |
| 2008.09 – 2012.06 | Chengdu University of Information Technology, China
B.S. in Atmospheric Science |

Working Experience

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| 2016.12 – 2020.08 | Hulun Buir Weather Forecast Office, Inner Mongolia, China
Deputy Director |
| 2012.07 – 2016.11 | Hulun Buir Weather Forecast Office, Inner Mongolia, China
Weather Forecaster |

Awards

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| 2023.09 | Best Poster Award
The 2023 Annual Academic Meeting of the Institute of Atmospheric Physics, Beijing, China |
| 2023.06 | Merit Student of University of Chinese Academy of Sciences |
| 2023.03 | Excellent Paper Award
East-lake Torrential Rainfall Forum of Chinese Meteorological Society, Wuhan, China |
| 2022.08 | Best Student Poster Award
The 4th National Mesoscale Meteorology Forum, Hangzhou, China |

Publications

- Fu Y., Sun J., Fu S., Zhang Y., & Ma Z. (2023). **Initiations of mesoscale convective systems in the middle reaches of the Yangtze river basin based on FY-4A satellite data: statistical characteristics and environmental conditions.** Journal of Geophysical Research: Atmospheres. Accepted. DOI: [10.22541/essoar.167590840.05058041/v1](https://doi.org/10.22541/essoar.167590840.05058041/v1)
- Yang W., Fu S., Sun J., Wang H., Fu Y., & Zeng C. (2023). **Moisture transport and associated background circulation for the regional extreme precipitation events over South China in recent 40 years.** Journal of Tropical Meteorology, 29(1), 101–114. DOI: [10.46267/j.1006-8775.2023.008](https://doi.org/10.46267/j.1006-8775.2023.008)
- Zhang Y., Sun J., Fu S., Wang H., Fu Y., Tang H., & Wei Q. (2023). **Active characteristics of mesoscale systems during the heavy rainfall in Henan province in July 2021.** Chinese Journal of Atmospheric Sciences (in Chinese), 47(4), 1196–1216. DOI: [10.3878/j.issn.1006-9895.2302.22135](https://doi.org/10.3878/j.issn.1006-9895.2302.22135)
- Fu Y., Sun J., Fu S., & Zhang Y. (2023). **Comparison between warm-sector and frontal heavy rainfall events in South China and the objective classification of warm-sector heavy rainfall events.** Meteorology and Atmospheric Physics, 135(1), 11. DOI: [10.1007/s00703-022-00949-8](https://doi.org/10.1007/s00703-022-00949-8)

Conferences

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| 2023.09 | The 2023 Annual Academic Meeting of the Institute of Atmospheric Physics
Beijing China, Poster |
| 2023.08 | The 5th National Mesoscale Meteorology Forum
Yinchuan China, Poster |
| 2023.08 | The 20th Annual Meeting of Asia Oceania Geosciences Society
Singapore, Oral Presentation |
| 2023.05 | The 15th International Conference on Mesoscale Convective Systems
Virtually, Poster |
| 2023.03 | East-lake Torrential Rainfall Forum
Hubei China, Poster |
| 2022.08 | The 4th National Mesoscale Meteorology Forum
Hangzhou China, Poster |