



南京信息工程大学
Nanjing University of Information Science & Technology



International Workshop on Weather and Climate Extreme Events ——Inaugural Meeting of the WCRP GEP Working Group on Event Attribution

Second Announcement

1. OVERVIEW

During November 25-29, 2024, the **International Workshop on Weather and Climate Extreme Events——Inaugural Meeting of the WCRP GEP Working Group on Event Attribution** will be held at Nanjing University of Information Science & Technology (NUIST), Nanjing, China.

The **themes** of the workshop cover **topics relevant to weather and climate extreme events** (suggested, but not exclusive). We place a special emphasis on understanding changes in extreme events, their attribution, impact, and associated risk.

The **purpose** of the workshop is to facilitate timely exchanges of ideas and findings on recent research into weather and climate extreme events, while fostering coordination and collaboration among various groups and individuals. The workshop further aims to develop a work plan for the WCRP GEP Working Group on Event Attribution, enabling it to deliver its mandate of leading strategic discussions within the community on the direction of event attribution research, reviewing existing literature and practices, and developing technical guidance on the methods and interpretation of event attribution.

2. VENUE

Meteorological Building, Nanjing University of Information Science & Technology, Nanjing, China.

3. HOST, ORGANIZER AND CO-SPONSOR

Host: Nanjing University of Information Science & Technology (NUIST)

Organizer: WCRP Global Extremes Platform (GEP)

Co-sponsor: School of Atmospheric Science, Nanjing University of Information Science & Technology (NUIST)

4. ONSITE REGISTRATION

- Attendees arriving at the NUIST Hotel are recommended to register and get workshop materials between 2:00-6:00 pm on November 24, 2024 in the lobby of the hotel.
- Attendees from NUIST are recommended to register and get workshop materials between 8:00-9:00 am on November 25, 2024 outside the 1st floor Conference Hall, Meteorological Building, NUIST.



5. AGENDA

NOVEMBER 25, 2024

09:00-09:50	Opening Ceremony, 1st Floor Conference Hall, Meteorological Building
09:00-09:30	Opening remarks
09:30-09:40	Botao Zhou (GEP-SU Director/Dean of School of Atmospheric Sciences, NUIST), Introduction of GEP and Global Extreme Indices data portal
09:40-09:50	Group Photo
09:50-11:50	Invited Talks, 1st Floor Conference Hall, Meteorological Building
09:50-10:10	Mark McCarthy (Met Office), Monitoring and attribution of climate extremes – perspectives from the UK Met Office
10:10-10:30	Pandora Hope (Bureau of Meteorology Australia), The multi-method approaches to understanding and attributing extremes in Australia
10:30-10:50	Coffee Break
10:50-11:10	Tiantian Li (National Institute of Environmental Health, China CDC), Health risk warnings for extreme weather: technical approaches and practical applications
11:10-11:30	Dan Tong (Tsinghua University), Climate change impacts on the extreme power shortage events of wind-solar supply systems
11:30-11:50	Hui Ju (Institute of Environment and Sustainable Development in Agriculture, CAAS), Effects and adaptations of winter wheat to stages drought under climate change
12:00-14:00	Lunch
14:00-15:40	Invited Talks, 1st Floor Conference Hall, Meteorological Building
14:00-14:20	Megan Kirchmeier-Young (Environment and Climate Change Canada), Event attribution in Canada
14:20-14:40	Ying Sun (National Climate Center, CMA), Towards reliable rapid attribution of extreme high temperature in China
14:40-15:00	Yang Chen (Chinese Academy of Meteorological Sciences), Toward attribution of compound events
15:00-15:20	Wenxia Zhang (Institute of Atmospheric Physics, Chinese Academy of Sciences), Anthropogenic amplification of precipitation variability over the past century
15:20-15:40	Shanshan Wang (Lanzhou University), Increasing occurrence of sudden turns from drought to flood over China
15:40-16:00	Coffee Break



16:00-17:20	Invited Talks, 1st Floor Conference Hall, Meteorological Building
16:00-16:20	Mark New (University of Cape Town), Ground-based data issues in Africa for tracking and monitoring extremes
16:20-16:40	Ji Nie (Peking University), Linking weather and climate dynamics in extreme precipitation
16:40-17:00	Chao Li (East China Normal University), Emergent constraint on entire future Earth system projections
17:00-17:20	Bo Sun (NUIST), How does Mei-yu respond to climate change?
17:30-19:30	Dinner
NOVEMBER 26-29, 2024	
09:00-17:00	Inaugural Meeting of the WCRP GEP Working Group on Event Attribution Room 514, Meteorological Building Closed Sessions

6. CONTACT INFORMATION

If you have any requests and/or questions concerning arrangements for the workshop, please do not hesitate to contact the following LOC members.

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