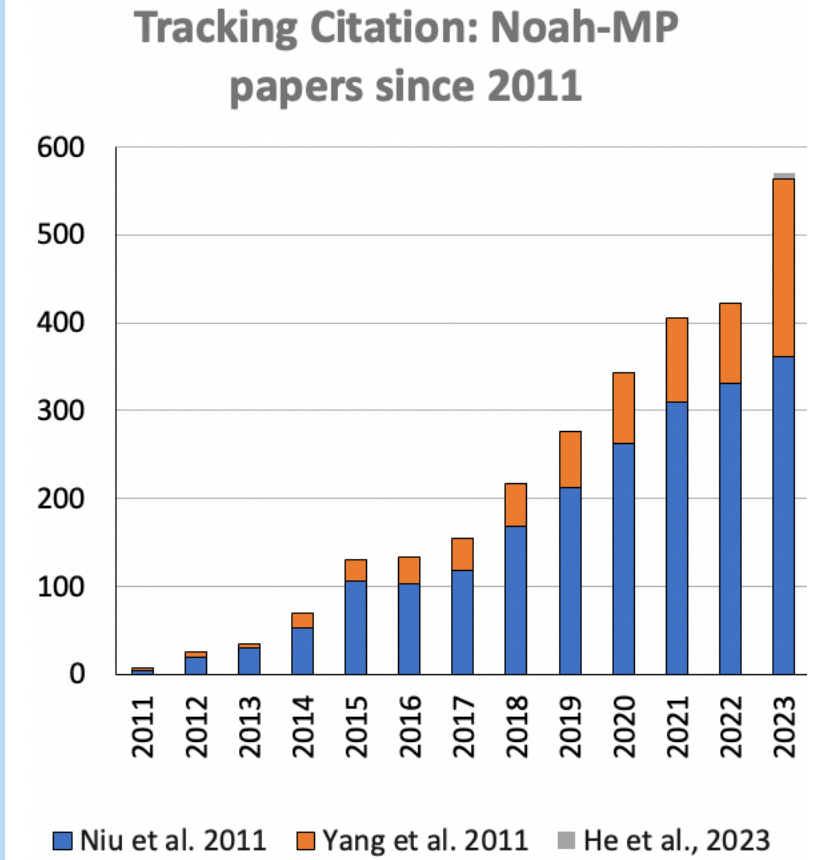


# Welcome to 2024 Noah-MP International Annual Users' Workshop !



Noah-MP is one of the most widely-used and cited land surface models in the world!



# Acknowledgements

**Many thanks to:**

## **Workshop preparation and supporting team:**

- Overall Support from NSF NCAR/RAL Leadership Team
- Administrative Support: Rachel McLawrence
- Multi-Media Support: Christopher Sepp, Fletcher Ryan
- Coffee Break: UCAR/NCAR Catering Team
- Miscellaneous Support: Zhe Zhang, Tzu-Shun Lin, Ronnie Abolafia-Rosenzweig
- Volunteered Session Moderator: Aaron Alexander, Ronnie Abolafia-Rosenzweig, Aniket Gupta, Samar Minallah, Tzu-Shun Lin, Zhe Zhang

## **Workshop organizing committee:**

- Cenlin He (NSF NCAR)
- Zong-Liang Yang (UT Austin)
- Dev Niyogi (UT Austin)
- Michael Barlage (NOAA/EMC)
- Guo-Yue Niu (Univ of Arizona)
- Jerry W. Wegiel (NASA/GSFC)

# A few reminders

- **Logistics:** restroom, emergency exit, cafeteria
- **Fire alarm:** evacuate immediately to the outside of the building if fire alarm is activated.
- **Workshop recording:**

The workshop will be recorded and all materials (recordings and PDF slides) will be made publicly available online after the workshop. Please let me know if you have any concerns or questions.
- **Presentation time limit:**

Each speaker will have 15 min in total for the presentation (ideally 13-min talk + 1~2min Q&A)

A 1-min reminder will be given by session moderator

A hard stop will be given by session moderator if the speaker exceeds the 15-min limit by 1 min

# Workshop Agenda

- Session 1: Noah-MP overview
- Session 2: Earth System Coupling
- Session 3: Hydrology
- Session 4: Extremes and Water Resource
- Session 5: Urban
- Session 6: Snowpack
- Session 7: Agriculture and Vegetation
- Session 8: Model Evaluation and Diagnosis
- Session 9: Discussion on Future Plan