

Meeting minutes

The meeting starts at 11:30 and ends at 16:30 of Friday 18 October 2024.

Location: Meeting Room DIAT12, 2nd floor, Politecnico di Torino, C.so Duca degli Abruzzi 24, Turin.

Participants

Alberto Viglione (PoliTo)
Anna Basso
Enrico Arnone (UniTo)
Vikas Kumar
Sara Rubinetti
Olivia Ferruglia
Giovanni Saglietto
Elisa Palazzi (online)
Susanna Corti (CNRBo)
Ignazio Giuntoli (online)
Ilaria Tessari

Agenda

- 1) Introduction; (10 min)
- 2) PoliTo presentation; (25-30 min)
- 3) CNR presentation; (25-30 min)
- 4) UniTo presentation; (25-30 min)
- Lunch break
- 5) Discussion and joint analysis; (1.50 hrs)
- 6) Technical reporting and the like; (10 min)
- 7) AOB. (N min)

Notes

- Point 2: PoliTo is trying to test the regional model it has and in the meantime will begin work on identifying and classifying simulated events.
- Point 3: The CNR team is working on the analysis of weather regimes for the entire GAR region and the relationship of these weather regimes to extreme precipitation events.
- Point 4: Sara Rubinetti presented her studies on the Po River discharge series; Vikas Kumar is working on analysis of the correlation between model output and climate variables; Olivia Ferruglia presented her studies on orography and trends in model and observed extremes; Giovanni presented his analysis on convective and stratiform events.
- Point 6: The ERA5 database for the period 1940-2023 was identified as the reference for each of the teams' analyses;
- Point 6: In order to collaborate in the analysis of the connection between weather patterns, climatological extremes, and simulated runoff, the following will be done: identification of a portion of GAR where in a certain season one weather regime is more dominant than others and

identification, for this area, of the number and type of events; mapping for the entire GAR of the daily weather regime and simulated runoff series.

Anna Basso