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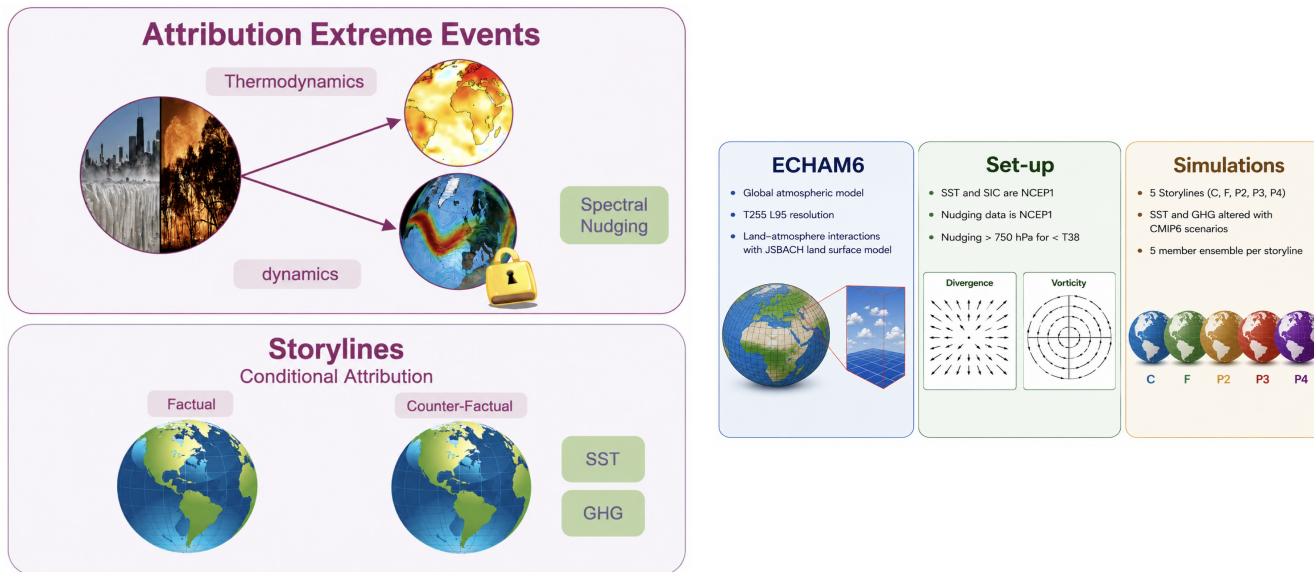
Storyline Attribution of the 2025 Mediterranean Summer Fire Weather

Linda van Garderen · EMS Annual Meeting 2026

ACCEPTED · *Nature Communications Earth & Environment*

My approach: event-based storylines

There are several types of climate storylines. My work focuses on **event-based storylines** for conditional attribution of observed extreme events.



For the 2025 Mediterranean summer

The storyline experiments show a **robust climate-change increase in FWI**. The signal is primarily temperature driven, while precipitation and relative humidity contribute more strongly farther north. The accepted paper contains the full regional and component analysis.



Research & publications
lindavangarderen.com



PhD thesis
Climate Change Attribution of Extreme Weather Events Using Spectrally Nudged Event Storylines

BRING STORYLINE SCIENCE INTO YOUR INSTITUTE, CLASSROOM OR EVENT

Invite me for a scientific talk, seminar, guest lecture, university class or workshop on climate extremes, event attribution, climate storylines and climate modelling. I adapt the science to specialist, interdisciplinary and student audiences.

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