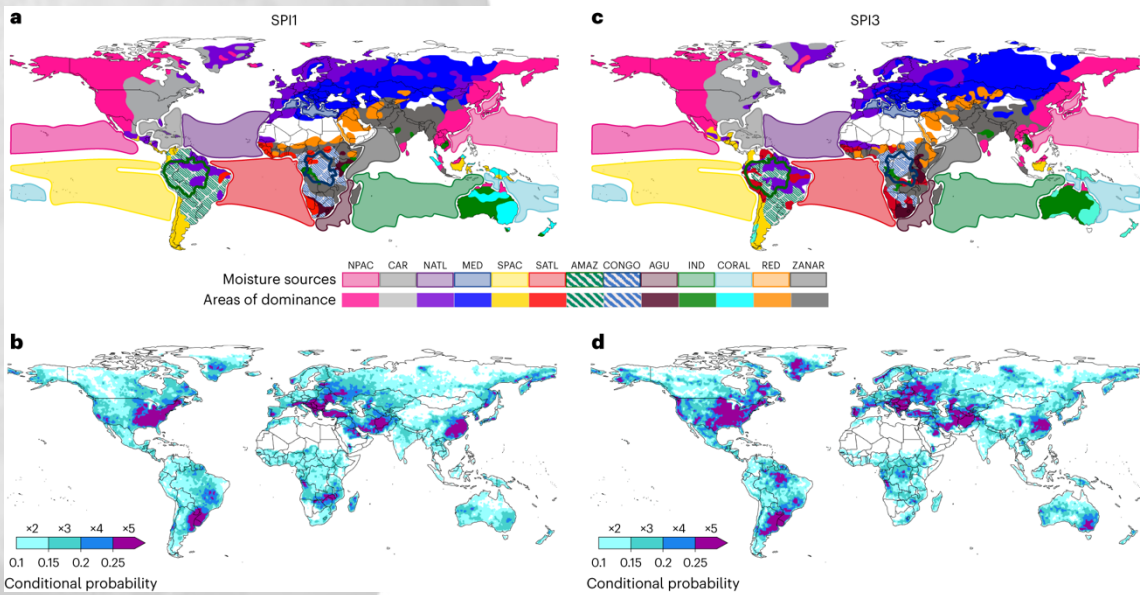
EARTH SYSTEMS SEMINARS

HOW TO ANALYSE WEATHER AND CLIMATE EXTREMES FROM A STATISTICAL PERSPECTIVE?

WHAT'S THIS ABOUT?

In this seminar, the speaker will present some of the key statistical approaches to analyse weather and climate extremes, with a special focus on extreme value theory and copulas, including applications from his own work. Advanced statistical methods for extreme value analysis specifically study the tail of the distributions, providing accurate estimates of the probability of occurrence of these events. Moreover, copulas enable the modelling of different dependence structures between random variables, with particular strength in capturing asymmetry and tail dependence. He will explain how this methodological framework can be applied to quantify the dependence between hydrometeorological extremes and their drivers.



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June 04
Wednesday: 14:00

PASS: SES2024IDL
https://videoconf-colibri.zoom.us/j/89018419156

or IDL room 1.1.37 (C1)

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