



Colloquium

Effects of land-sea distribution on the mid latitude climatic response to anthropogenic forcing

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Host: Caroline Muller

The warming observed on the Earth over the last decades is not homogeneous: different characteristics of the surface are responsible for a faster temperature rise over continents than over oceans, for a strong polar amplification, and for an elevation-dependent warming. In this talk, atmospheric thermodynamical and dynamical processes associated to the differential warming will be presented. In particular, the effects of land-sea contrasts on mid latitude meteorological variability, including the occurrence of winter cold spells, heavy precipitations, and droughts will be discussed.

Monday, November 13, 2023 11:30am - 12:30pm

Raiffeisen Lecture Hall



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