



## **Study of convection in the WAM region using a R-C equilibrium approach.**

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A new strategy to modify the R-C equilibrium approach and to adapt it to WAM conditions including a forcing provided by the 2D idealized model of Peyrillé and Lafore (2007) has been adopted to start a study of convection in the WAM region (monsoonal area).

These simulations have been compared with 3D numerical simulations of an atmosphere in RC equilibrium that can be used as control run for tropical convection.

This approach can be used to study different states corresponding to different location of the WAM system.