

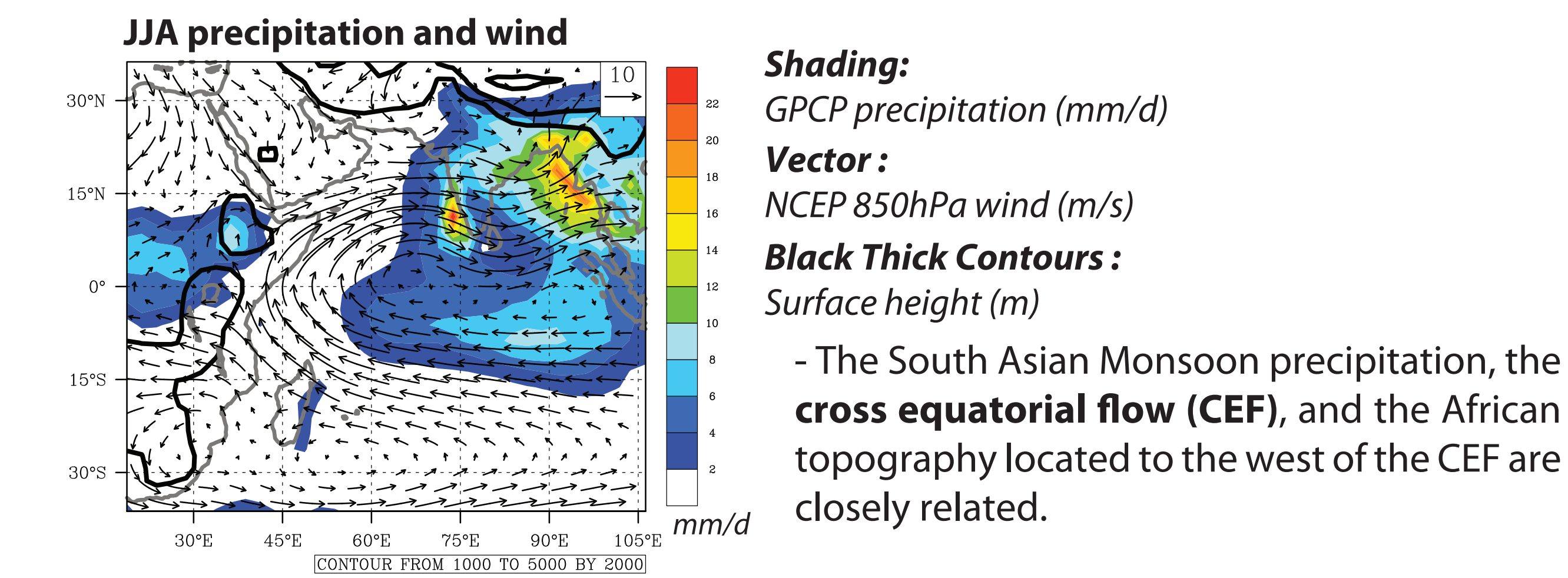


The Role of the African Topography in the South Asian Monsoon

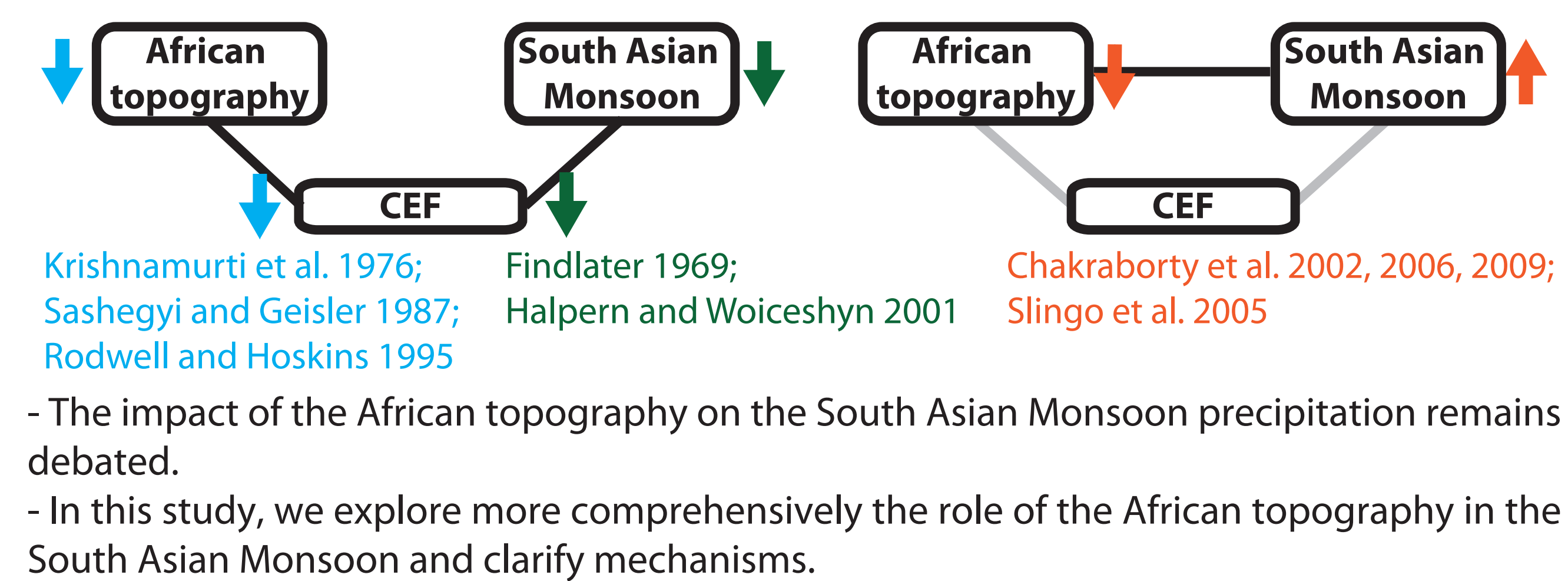
Ho-Hsuan Wei and Simona Bordoni
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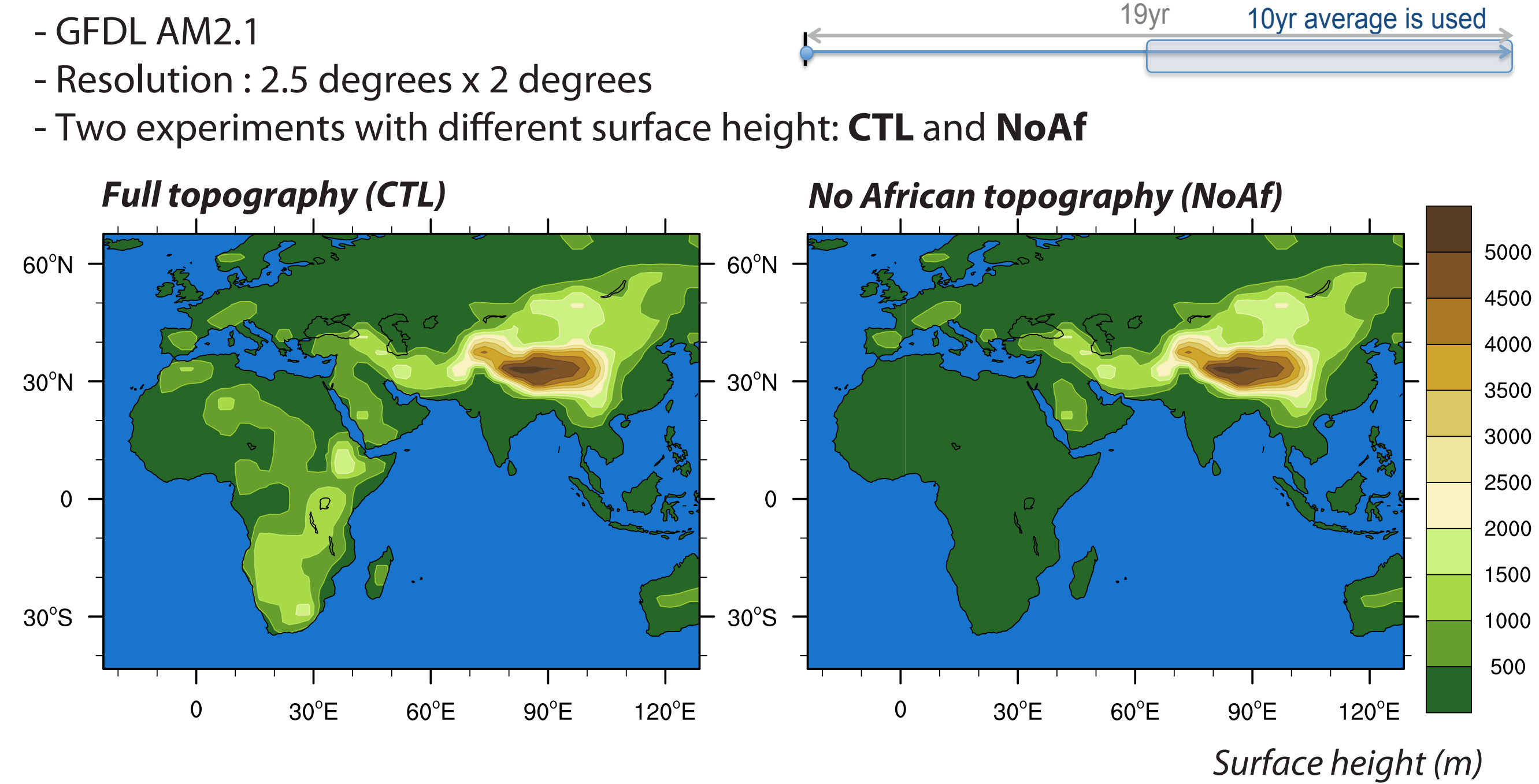
Motivation



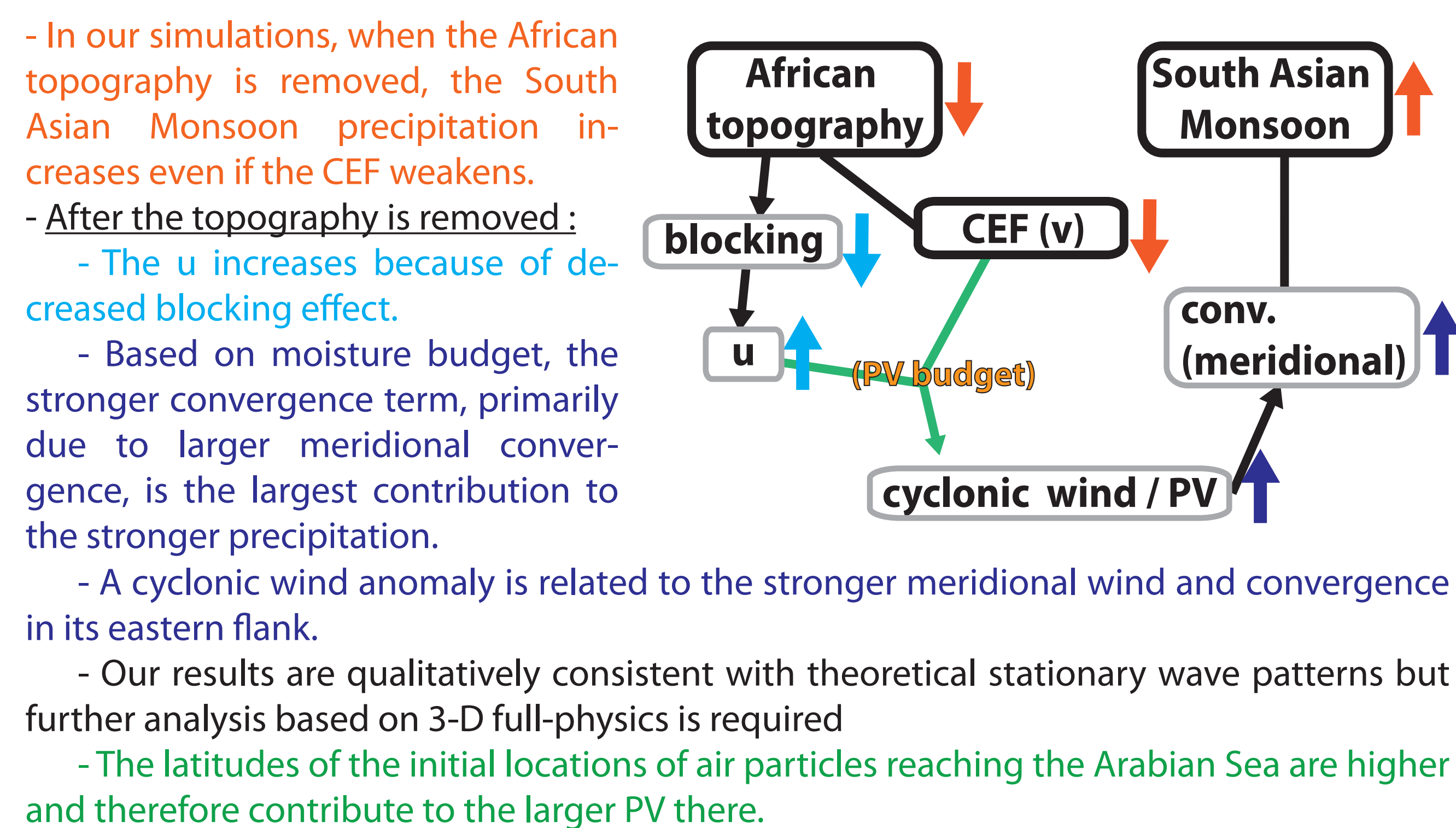
Previous Research



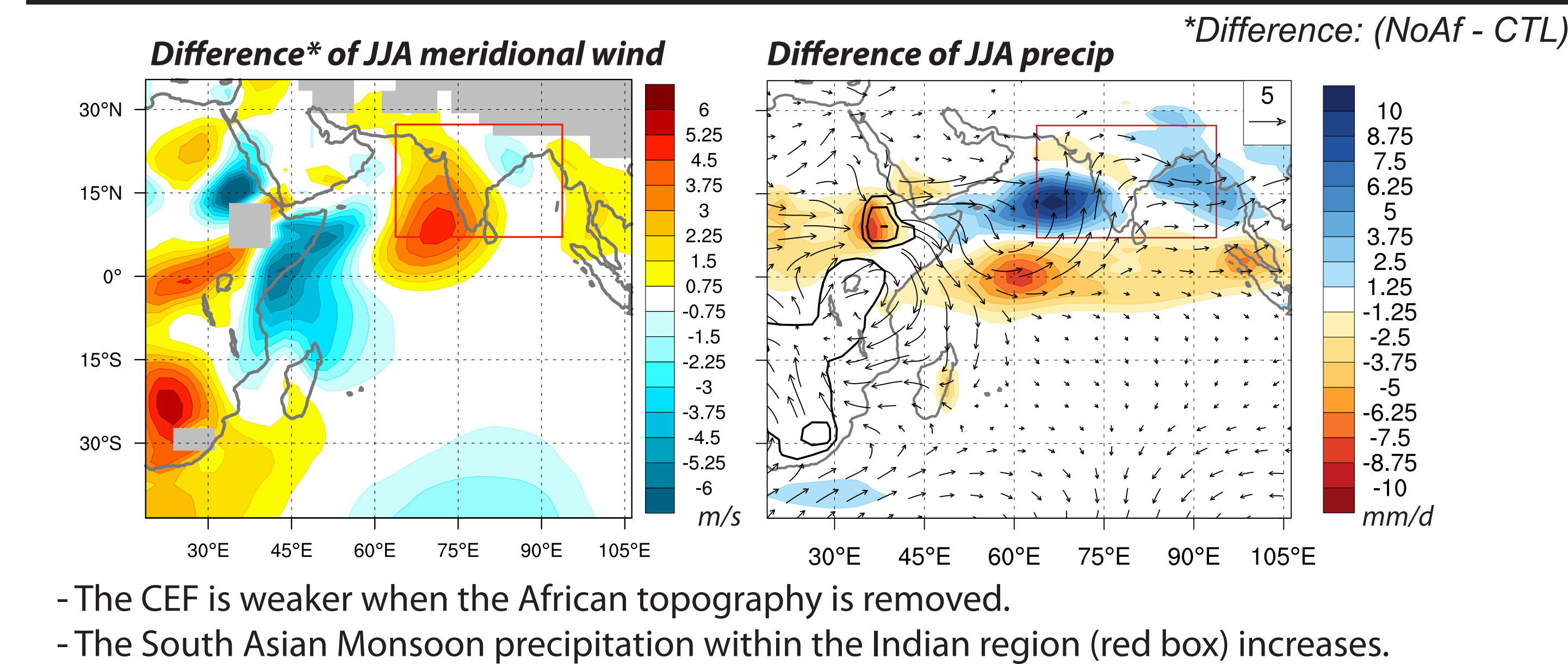
Model Setup



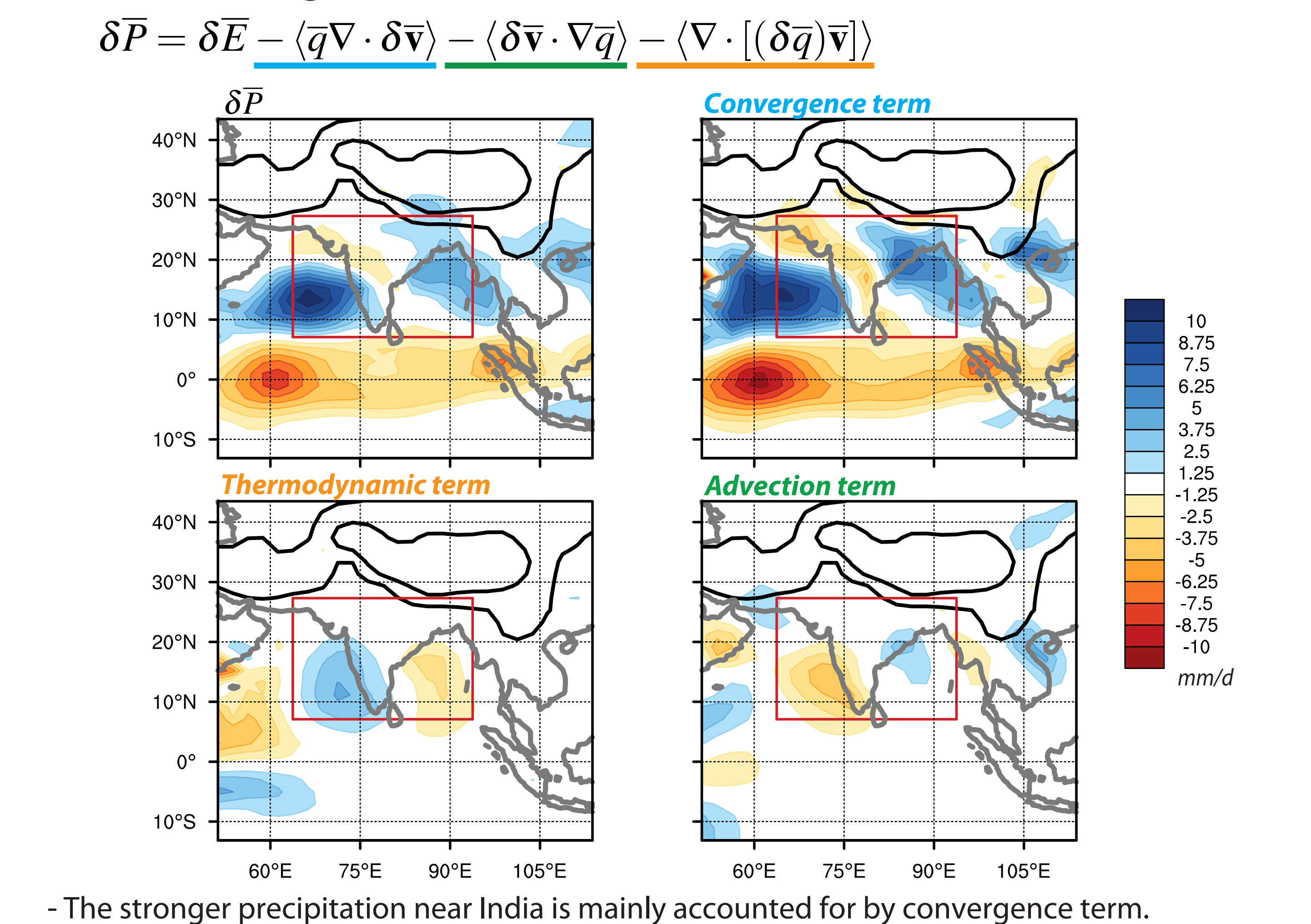
Summary



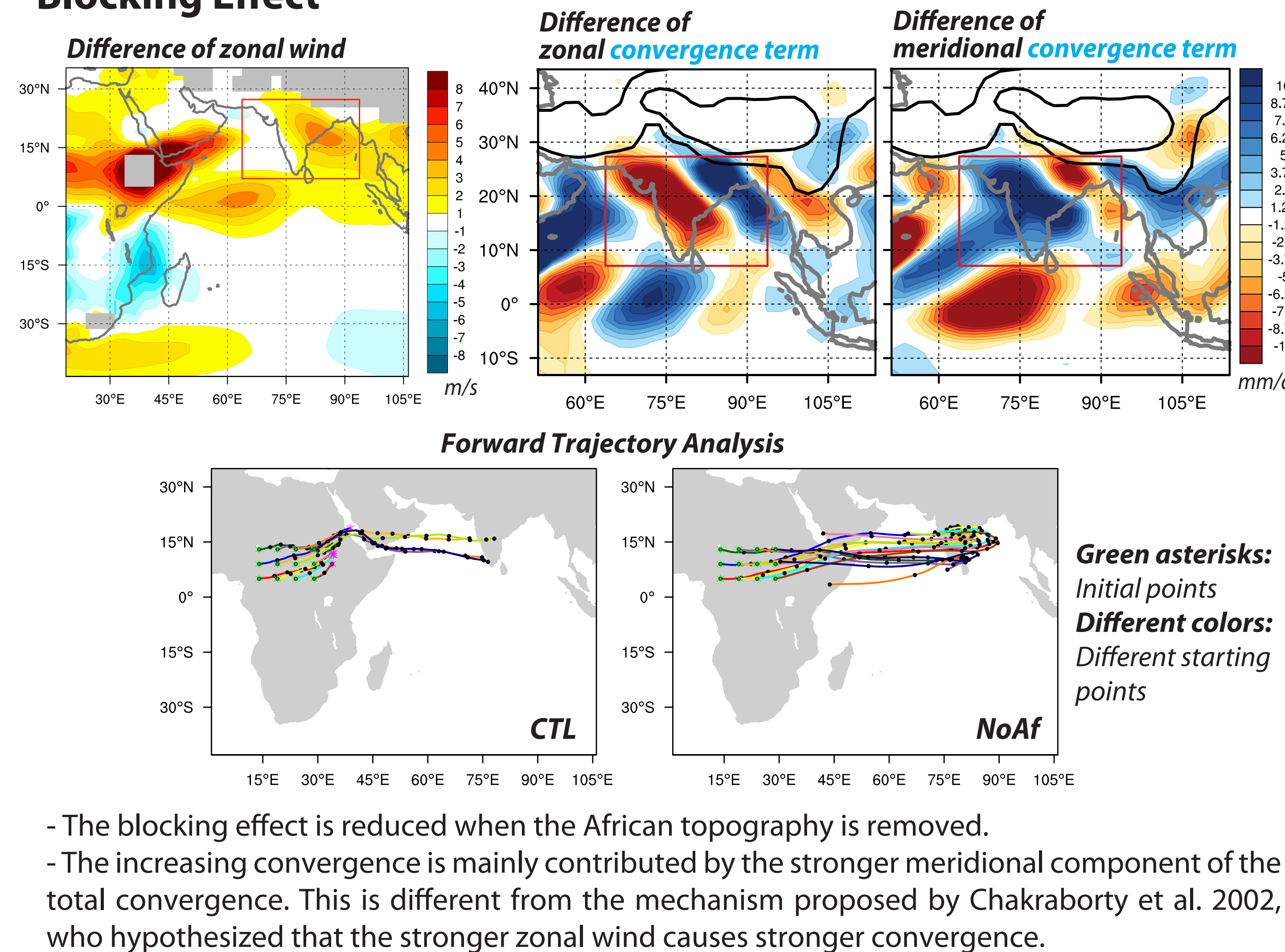
Impact on Jet and Precipitation



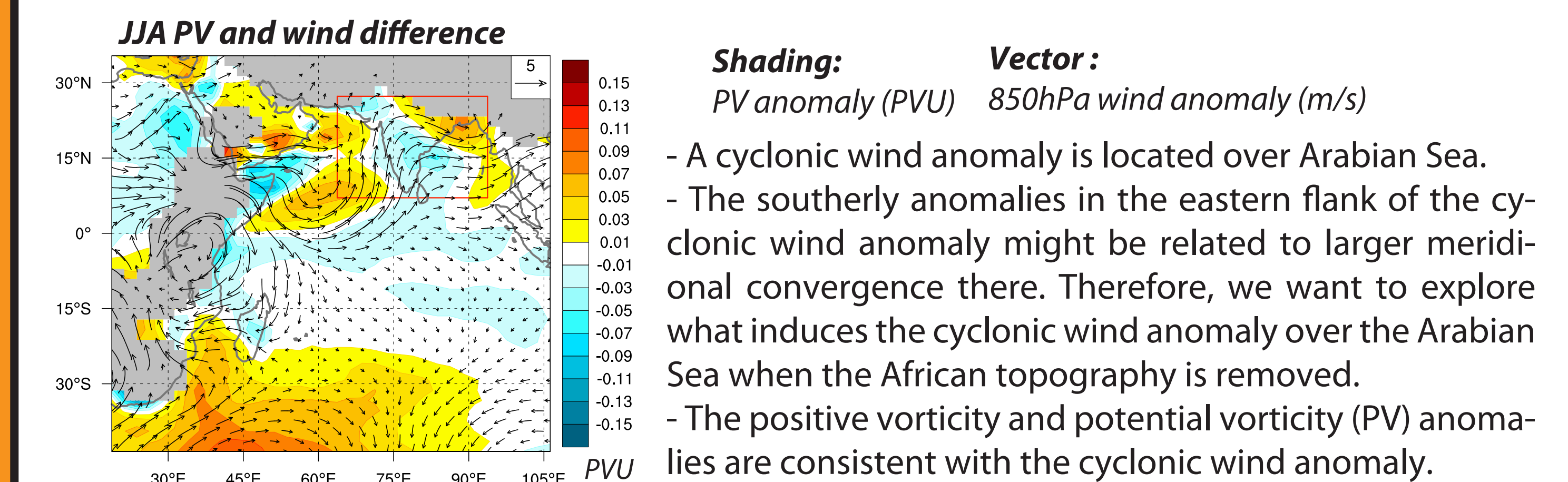
Moisture Budget



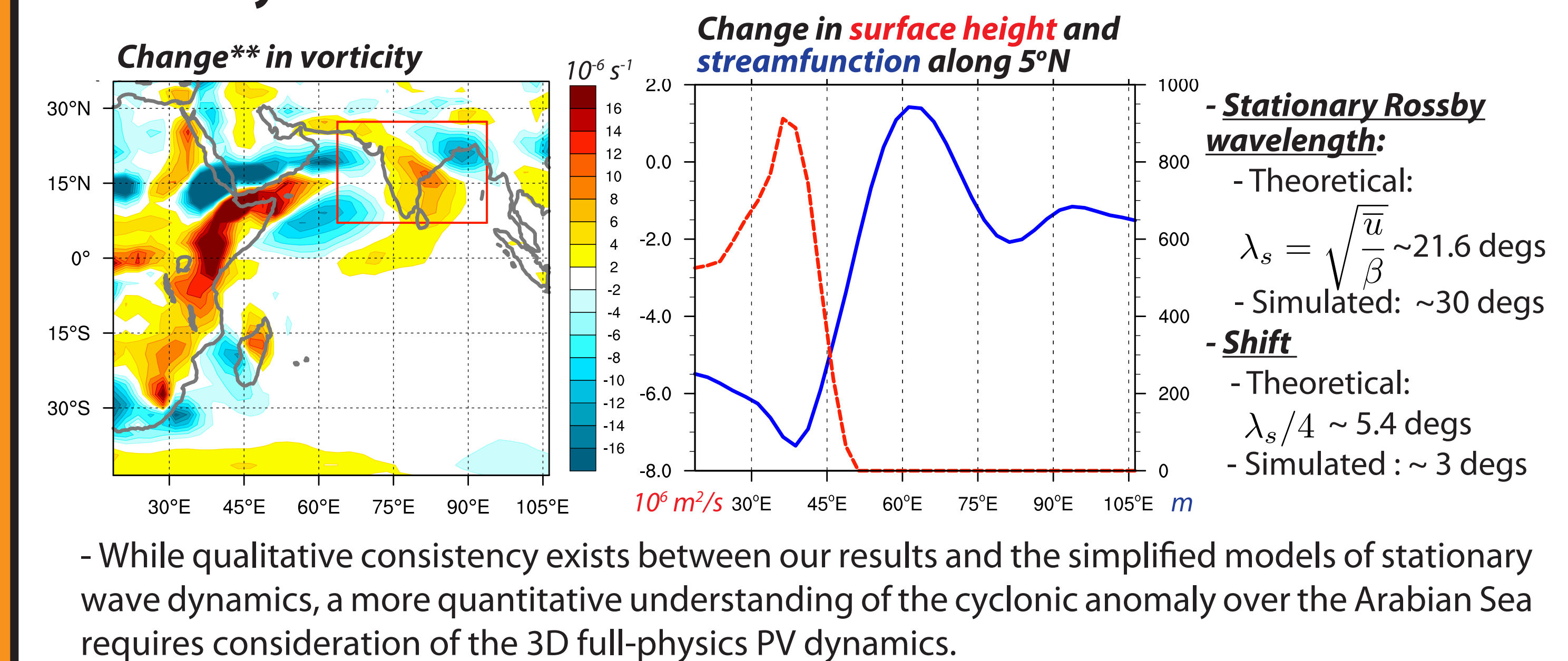
Blocking Effect



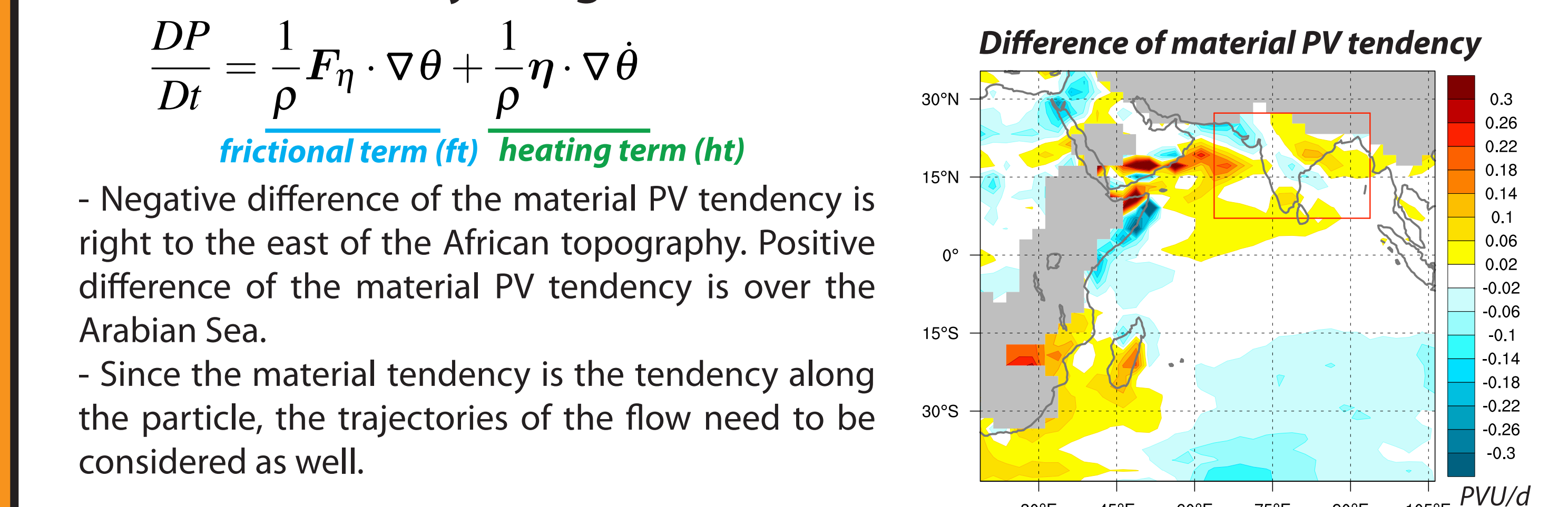
Impact on the Larger-scale Circulation



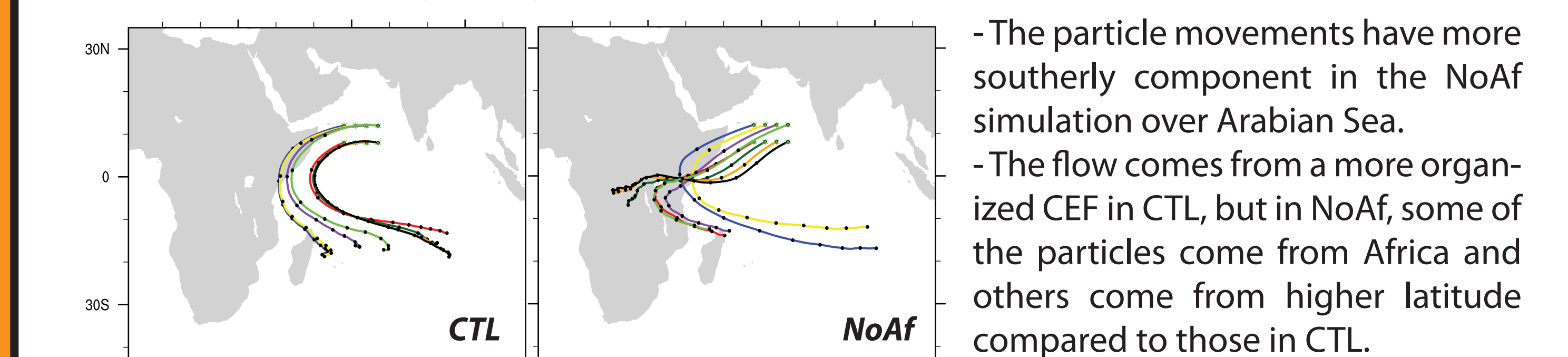
Stationary Wave Pattern



Potential Vorticity Budget



Backward Trajectory Analysis



Integration of PV Tendency

