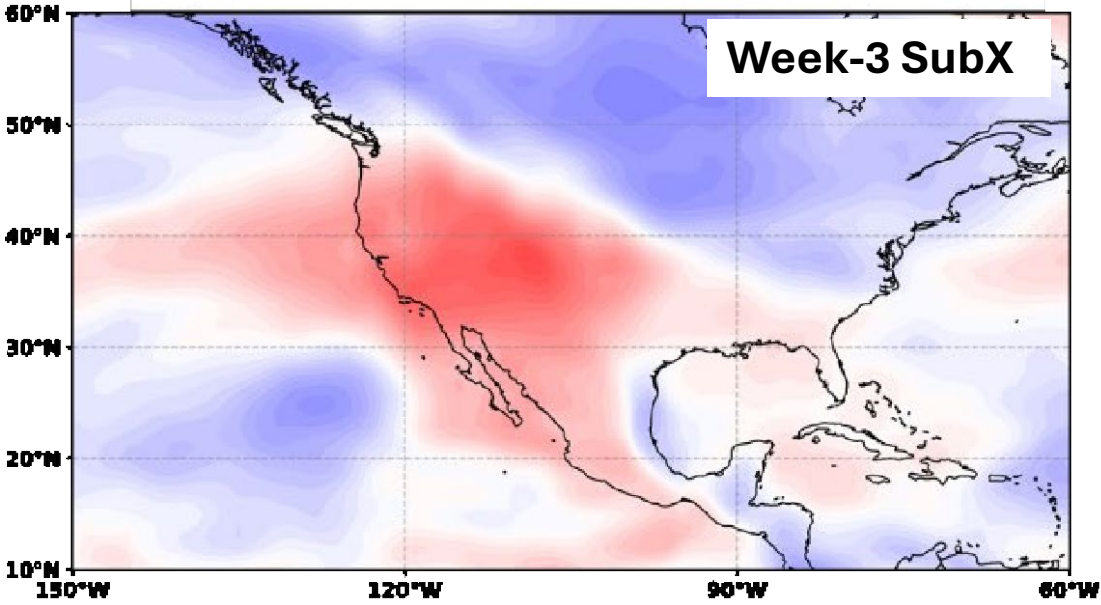
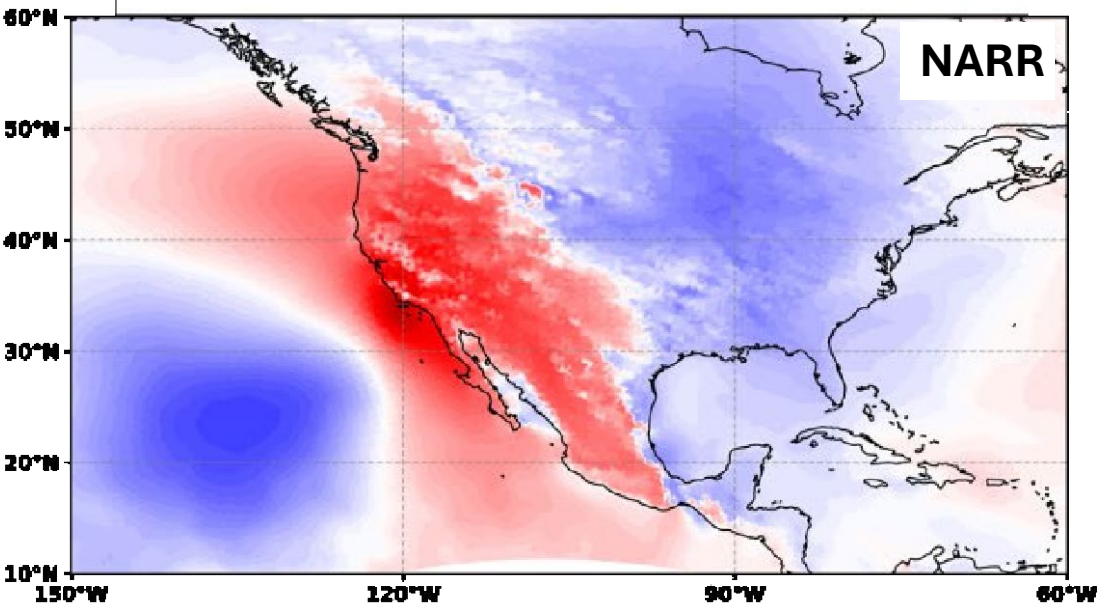


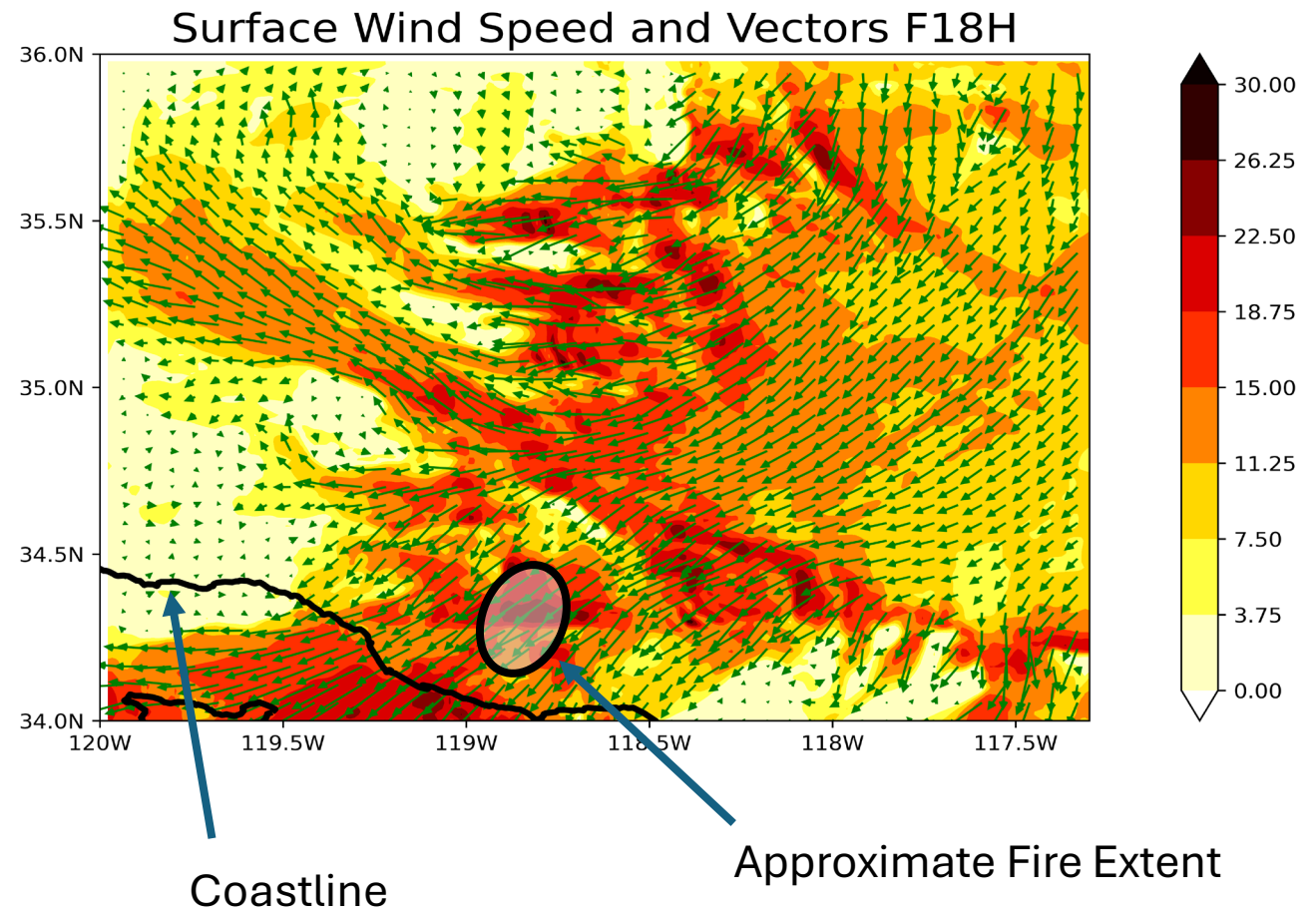
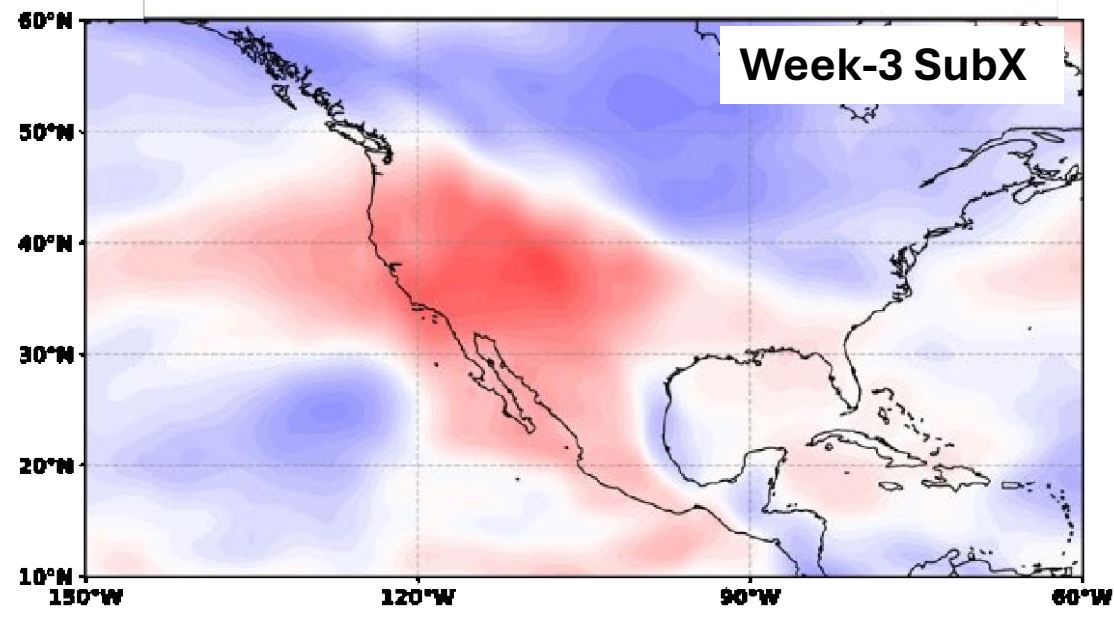
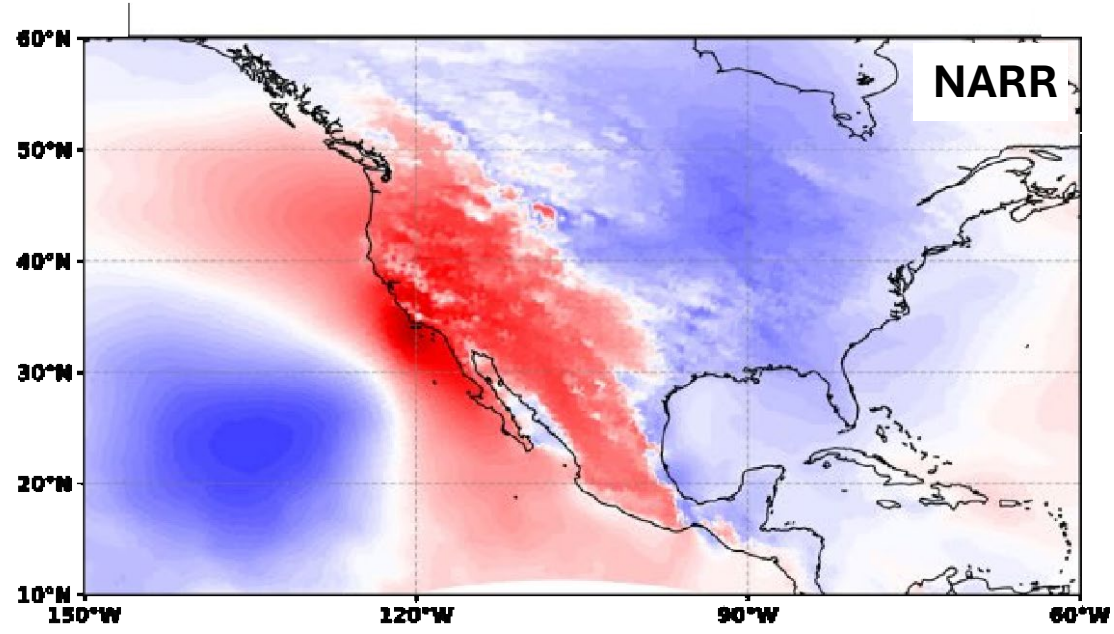
Predictability & Scale Interactions

- **Large-Scale Climate Drivers Set the Stage for Predictable Regional Extremes**
- **Resolution for Critical Processes (Not Just for the Sake of Resolutions)**
- **Upscale Effects Associated with Resolved Processes**

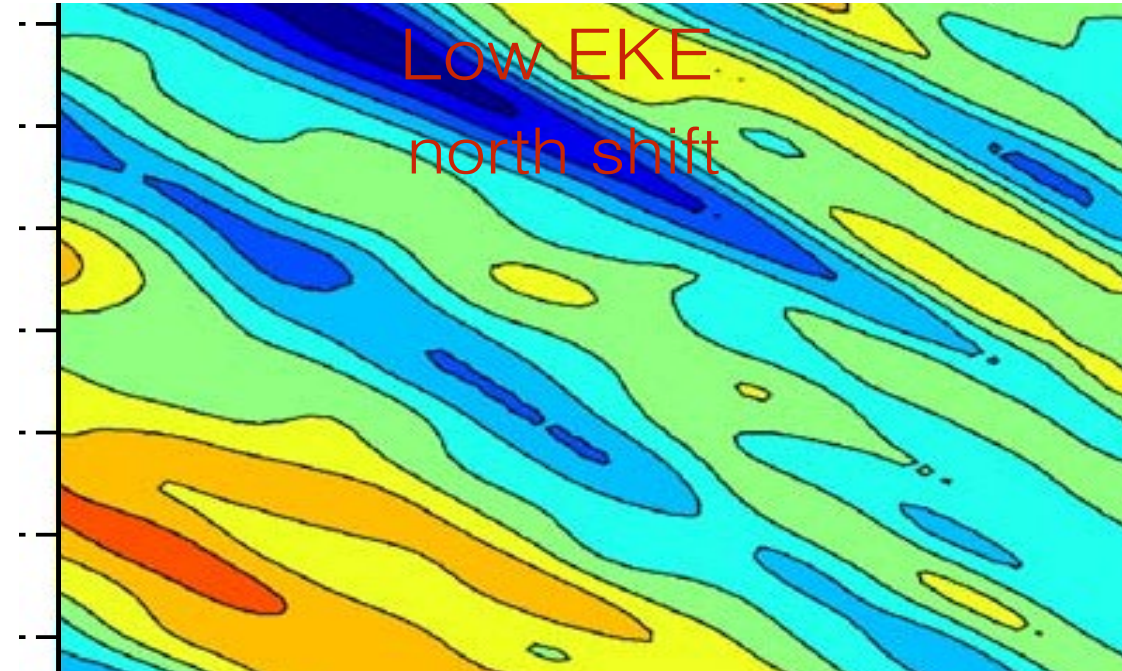
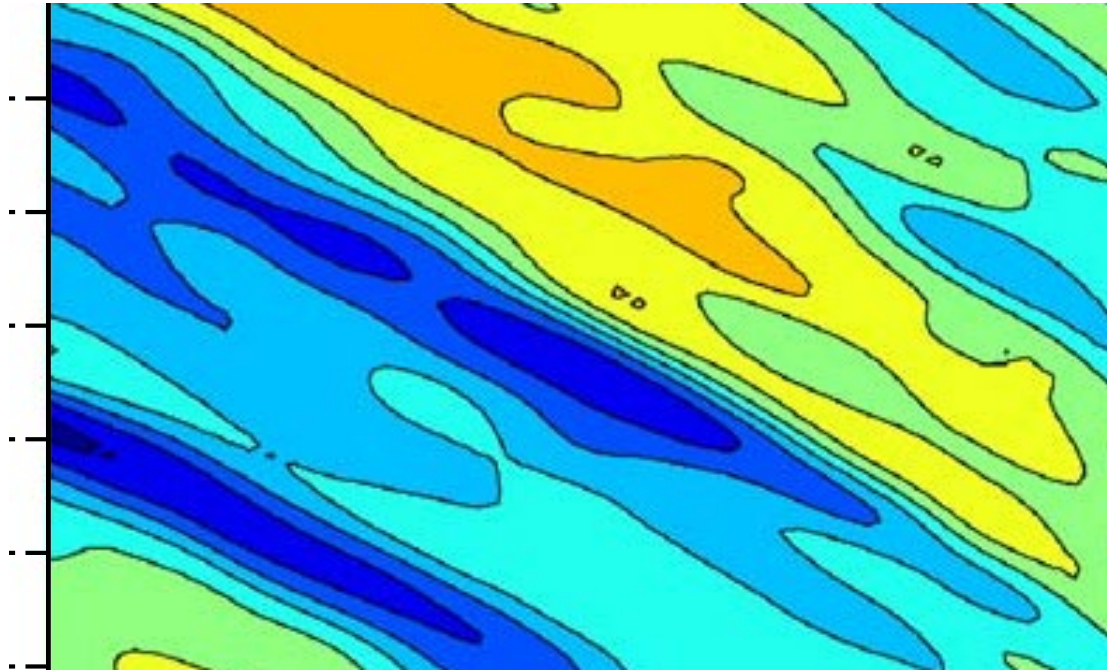
**Large-Scale Climate Drivers Set
the Stage for Predictable
Regional Extremes**



Large-Scale Climate Drivers Set the Stage for Predictable Regional Extremes

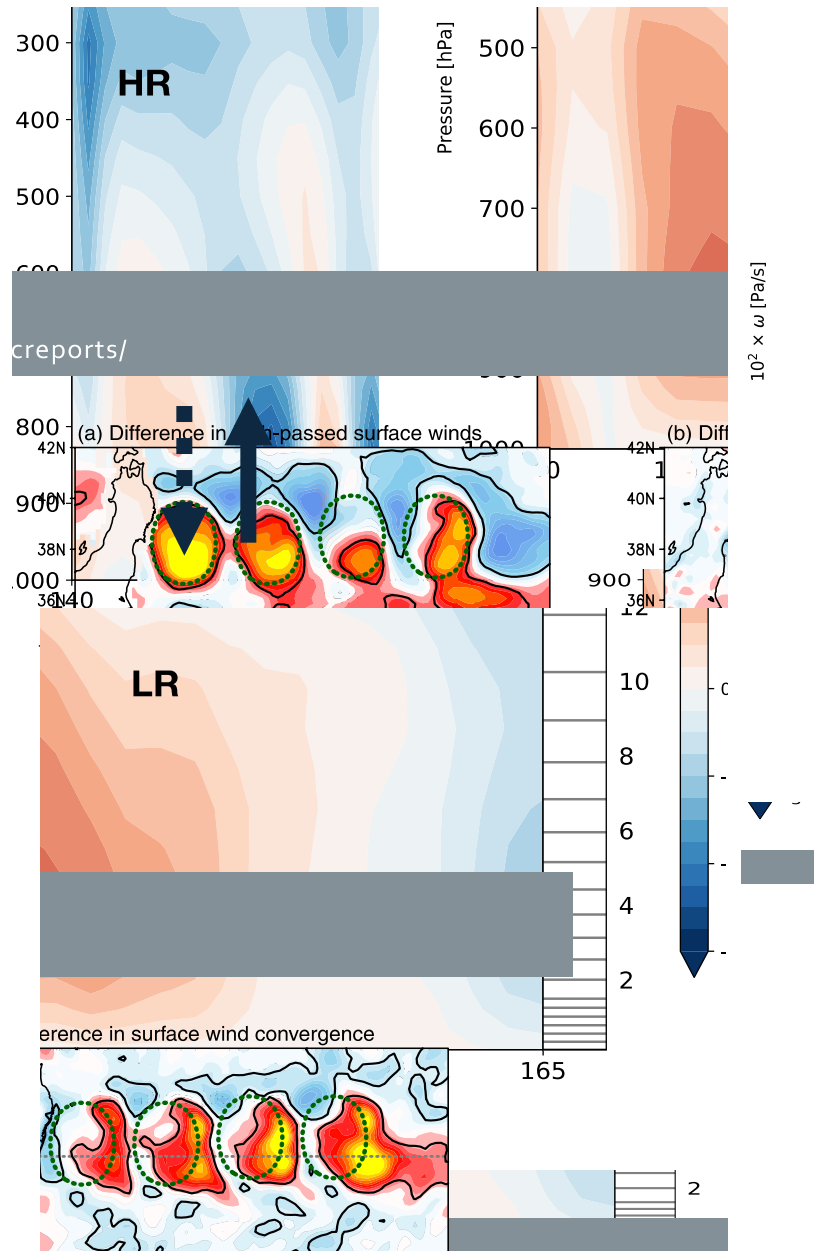


Seasonal Retrospective Forecasts: Active Eddy Years (AEY) – Inactive Eddy Years (IEY)

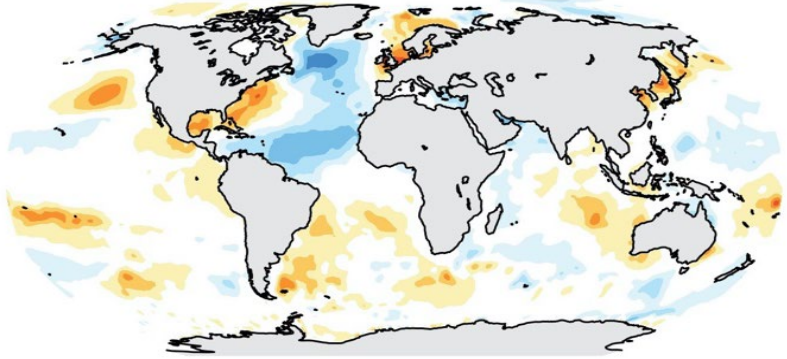


Ocean Eddy Resolving vs. Eddy Permitting Coupled Forecast System

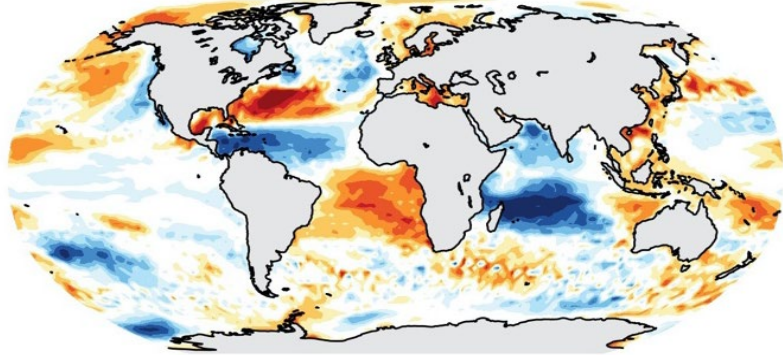
Resolution for Critical Processes: Ocean Eddy Resolving Seasonal Forecasts



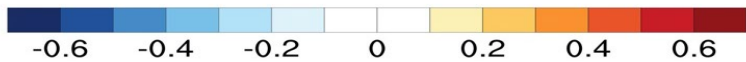
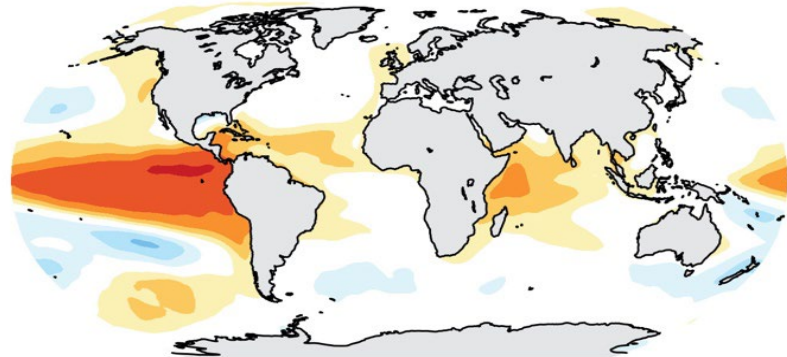
(b) OBS



(d) HRC

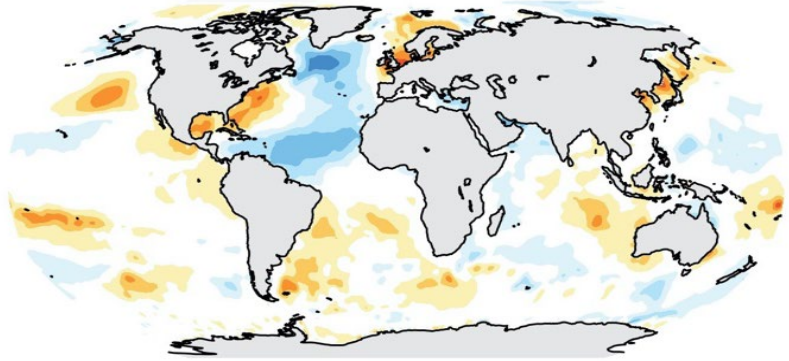


(a) CMIP5

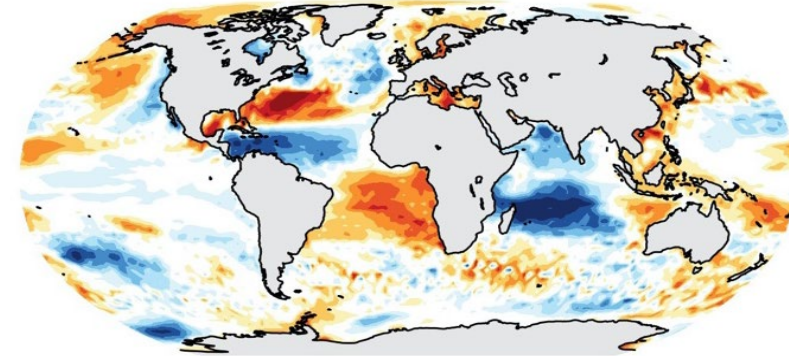


Upscale Effects Associated with Resolved Processes

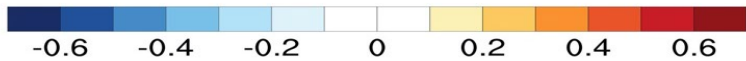
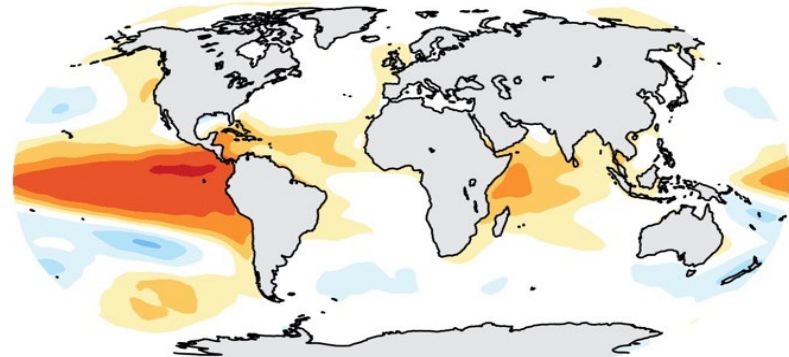
(b) OBS



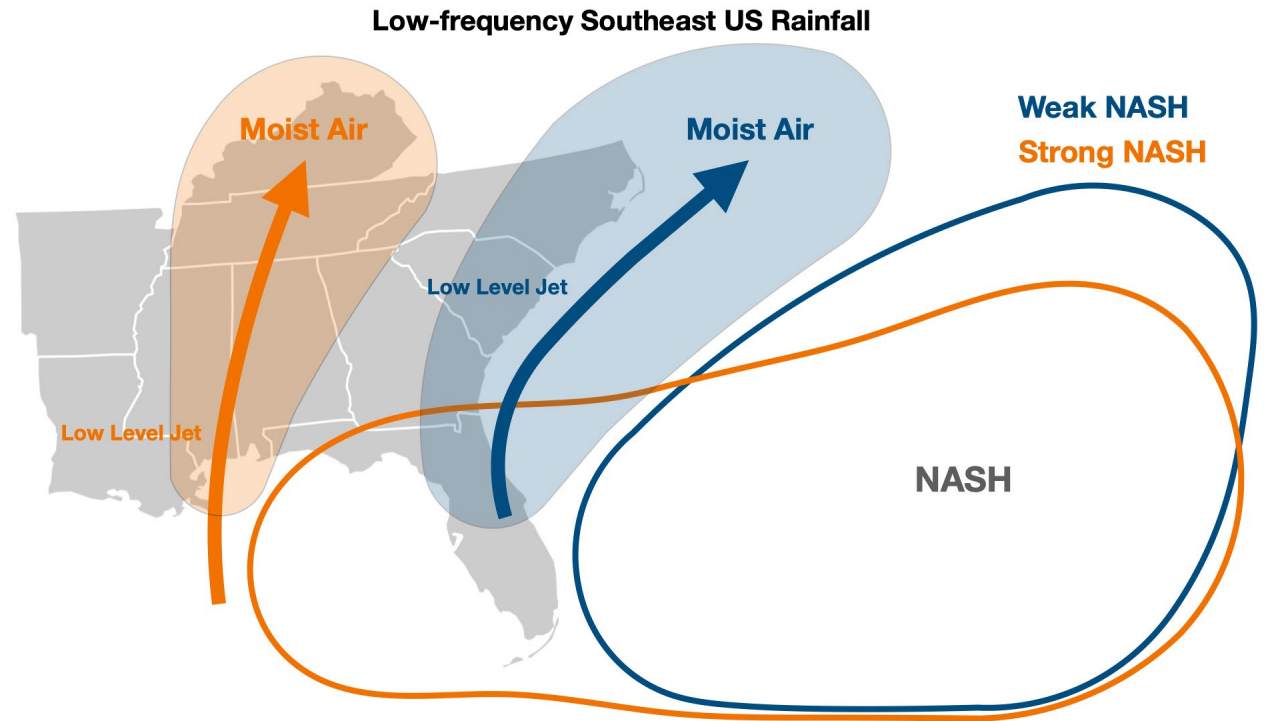
(d) HRC



(a) CMIP5



Upscale Effects Associated with Resolved Processes



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