



A Highly Configurable Vortex Initialization Method for Tropical Cyclones



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- This method removes vortex from analysis, creates idealized, axisymmetric, and configurable vortex, inserts into model's background flow as new initial condition
- Vortex can be extremely basic or fairly sophisticated, with choice of radial and vertical structure
- Flexible and efficient code allows for applications in research and quasi-operational environments

