

Thermal Feedback of Sea Spray and its Impact on Hurricane Simulations

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Development of a Sea-Spray Parameterization

- Wind tunnel-wave tank measurements
 - > spray droplet spectrum
- 1-D coupled spray-turbulence model
 - > spray feedback effects
 - > spray parameterization
- Evaluation in NOAA/GFDL hurricane model

NOAA/GFDL hurricane model with and without spray parameterization

