

Abstract Submitted
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Mixing Efficiency in Stratified Turbulent Jets¹ CHUNG-NAN TZOU, ROBERTO CAMASSA, SIAN LEWIS-BEVAN, RICHARD MCLAUGHLIN, NATHAN PERREAU, Unc Joint Fluids Lab, UNC JOINT FLUIDS LAB TEAM — Building upon prior results of the authors establishing rigorously the optimal mixing profile of a turbulent buoyant jet in a special class of stratified environments, a substantial expansion to a broader family of background stratifications is considered both experimentally and analytically with some surprising observations.

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