

Abstract Submitted
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Flow over a model boreal forest canopy and its dependence on canopy density¹ EMILY MOORE, GRAHAM FREEDLAND, TAMARA DIB, RAL BAYON CAL, None — Deforestation occurs due to the rapidly growing population demand for more space and resources. Effects on the canopy density are observed via a wind tunnel experiment. The flow field of the boreal forest canopy is obtained via particle image velocimetry where mean velocities and Reynolds stresses are evaluated. A scaled model that includes the traits of vegetative structures is used to represent a boreal forest within the test section of the wind tunnel.

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None

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