



Evaluation of the Seeing Machines' Guardian Gen 2 driver fatigue and distraction monitoring system in interior British Columbia log-hauling operations

<https://library.fpinnovations.ca/en/permalink/fpipub19851>

Author: Shetty, Mithun
Kohorst, Trish
Jokai, Rob

Contributor: BC Forest Safety Council

Date: January 2020

Material Type: Research report

Physical Description: 26 p.

Sector: Forest Operations

Field: Fibre Supply

Research Area: Transportation & Infrastructure

Subject: Driver fatigue
Log hauling
FPI TR
Transport

Series Number: Technical Report ; TR 2020 n.3

Language: English

Abstract:

As part of FPInnovations' and BC Forest Safety Council's ongoing evaluation of fatigue management technology, Seeing Machines' Guardian Gen 2, an eye-tracking-based driver assistance system that monitors driver fatigue and distraction, was evaluated in Interior B.C. log-hauling operations. In addition, driver fatigue scores based on a wristband technology, Readiband, were correlated with the drivers' reported scores to verify the fatigue level in the participating fleets. The study findings, participants' feedback, and onboard device performance are summarized in this report.

Documents



TR2020N3.PDF

 Read Online

 Download