A Science-Enabled Virtual Reality Demonstration to Increase Social Acceptance of Prescribed Burns

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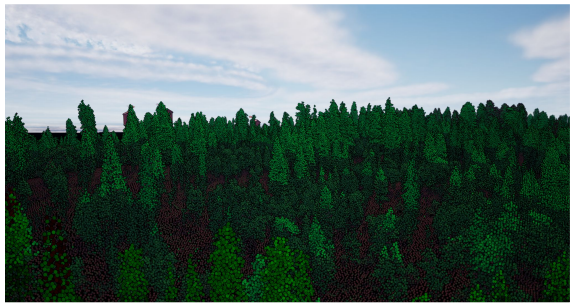
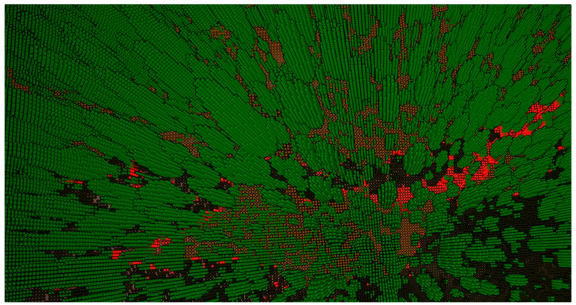
Aerial LiDAR (ALS):



FastFuels:



Terrestrial LiDAR (TLS):

Immersive Visualization with Unreal Engine

A tool which leverages Unreal Engine for real-time, immersive interaction with a variety of data sources used by fire scientists and practitioners.

Context is Key

State-of-the-art models can be contextualized and compared to data collected in the wild. This leads to new training, decision-making, and community outreach possibilities.

Towards a Big Data Pipeline

An important step towards developing workflows for processing and visualization of fuel and fire simulation models at county, state, and national scales.

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