

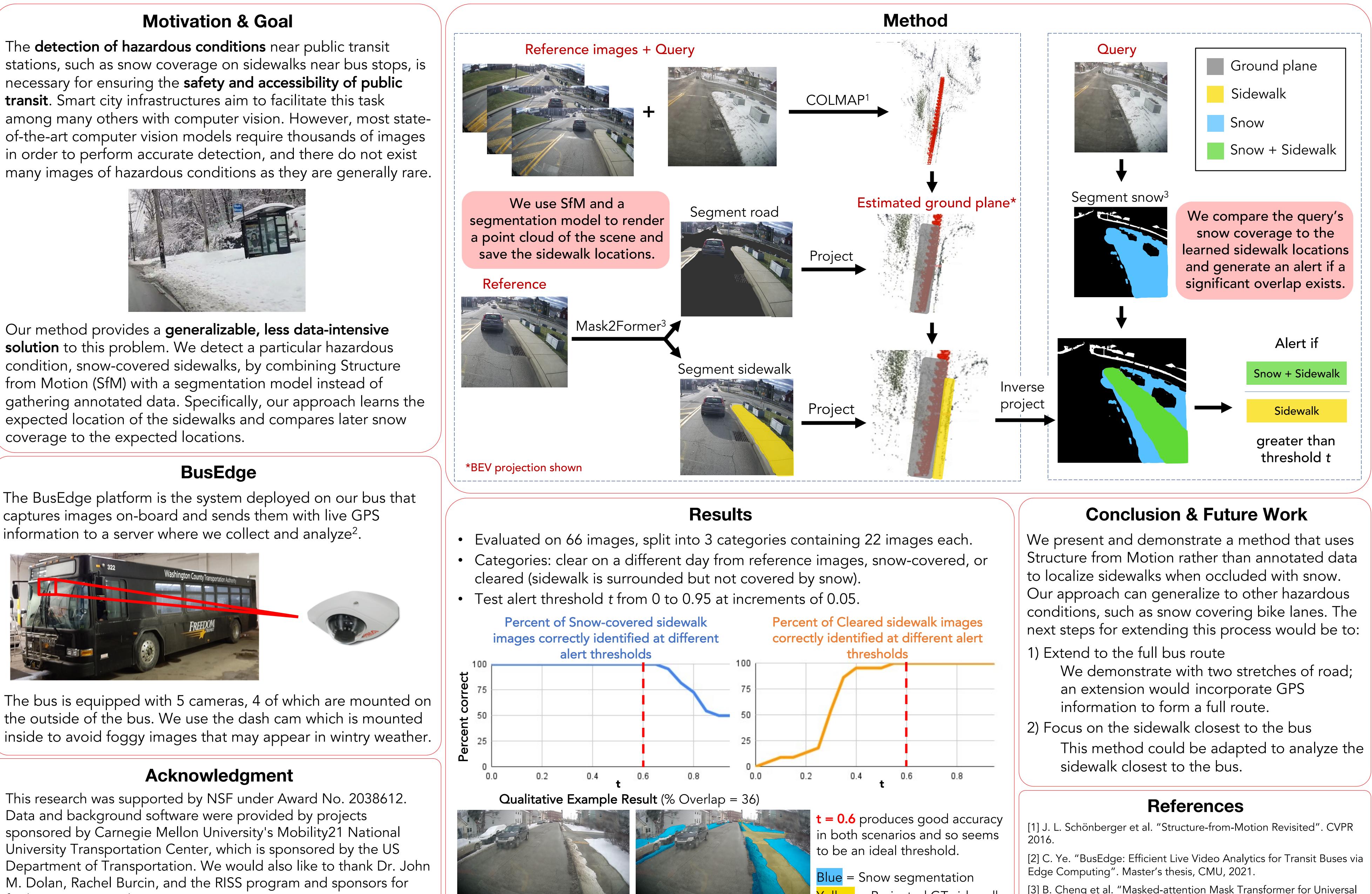


The **detection of hazardous conditions** near public transit transit. Smart city infrastructures aim to facilitate this task



Our method provides a **generalizable**, less data-intensive **solution** to this problem. We detect a particular hazardous from Motion (SfM) with a segmentation model instead of coverage to the expected locations.

captures images on-board and sends them with live GPS information to a server where we collect and analyze².



Data and background software were provided by projects further supporting this project.

Leveraging Structure from Motion to Localize Inaccessible Bus Stops

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Yellow = Projected GT sidewalk

[3] B. Cheng et al. "Masked-attention Mask Transformer for Universal Image Segmentation". CVPR 2022.

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