

# An open-source system for building-height estimation using street-view images, deep learning, and building footprints

Released at 8:30 a.m. Eastern time in *The Daily*, Tuesday, December 8, 2020

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The paper "[An open-source system for building-height estimation using street-view images, deep learning, and building footprints](#)," published today, presents an open-source system that was developed for automatic estimation of building height from street-view images using Deep Learning, advanced image processing techniques, and geospatial data.

The goal of the developed system is to ultimately be used to enrich the Open Database of Buildings, which was published by Statistics Canada, as a part of the Linkable Open Data Environment. Some of the obtained results for building-height estimation are presented. Some challenging cases and the scalability of the system are discussed as well.

The paper "[An open-source system for building-height estimation using street-view images, deep learning, and building footprints](#)," part of the publication *Reports on Special Business Projects (18-001-X)*, is now available.

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