Accepted Manuscript

Title: Redeveloping the urban forest: the effect of redevelopment and property-scale variables on tree removal and retention

Authors: Tingdong Guo, Justin Morgenroth, Tenley Conway

PII: S1618-8667(18)30388-1
DOI: https://doi.org/10.1016/j.ufug.2018.08.012
Reference: UFUG 26203

To appear in:

Received date: 19-6-2018
Revised date: 17-8-2018
Accepted date: 18-8-2018

Please cite this article as: Guo T, Morgenroth J, Conway T, Redeveloping the urban forest: the effect of redevelopment and property-scale variables on tree removal and retention, *Urban Forestry and amp; Urban Greening* (2018), https://doi.org/10.1016/j.ufug.2018.08.012

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Title: Redeveloping the urban forest: the effect of redevelopment and property-scale variables on tree removal and retention

Author names: Tingdong Guo[a], Justin Morgenroth[b*], Tenley Conway[c]

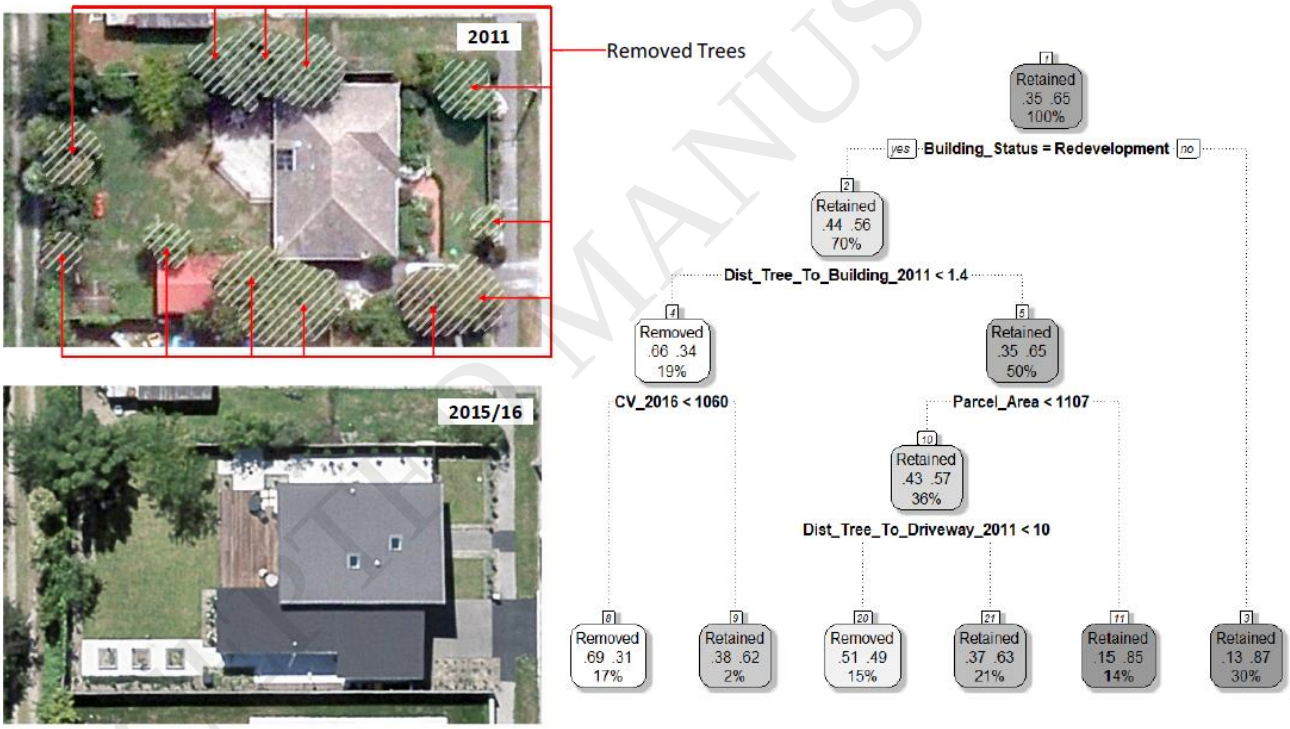
a – New Zealand School of Forestry, University of Canterbury, Christchurch, New Zealand, tingdong.guo@pg.canterbury.ac.nz, +64 3-369-2663

b – New Zealand School of Forestry, University of Canterbury, Christchurch, New Zealand, justin.morgenroth@canterbury.ac.nz, +64 3-369-5966

c – Department of Geography and Programs in the Environment, University of Toronto, Mississauga, Canada, tenley.conway@utoronto.ca, +1 905-828-3928

* – corresponding author

Graphical abstract



Highlights

- Tree removal and retention on redeveloped properties was studied over a 5 year period.
- 44% of trees were removed on redeveloped properties, 13.5% of trees were removed on non-redeveloped properties.
- A classification tree analysis explained tree removal and retention with 73.4% accuracy.
- Key explanatory variables included distance between trees and redeveloped buildings or driveways, property value, and property size.

Download English Version:

https://daneshyari.com/en/article/9951727

Download Persian Version:

https://daneshyari.com/article/9951727

Daneshyari.com