

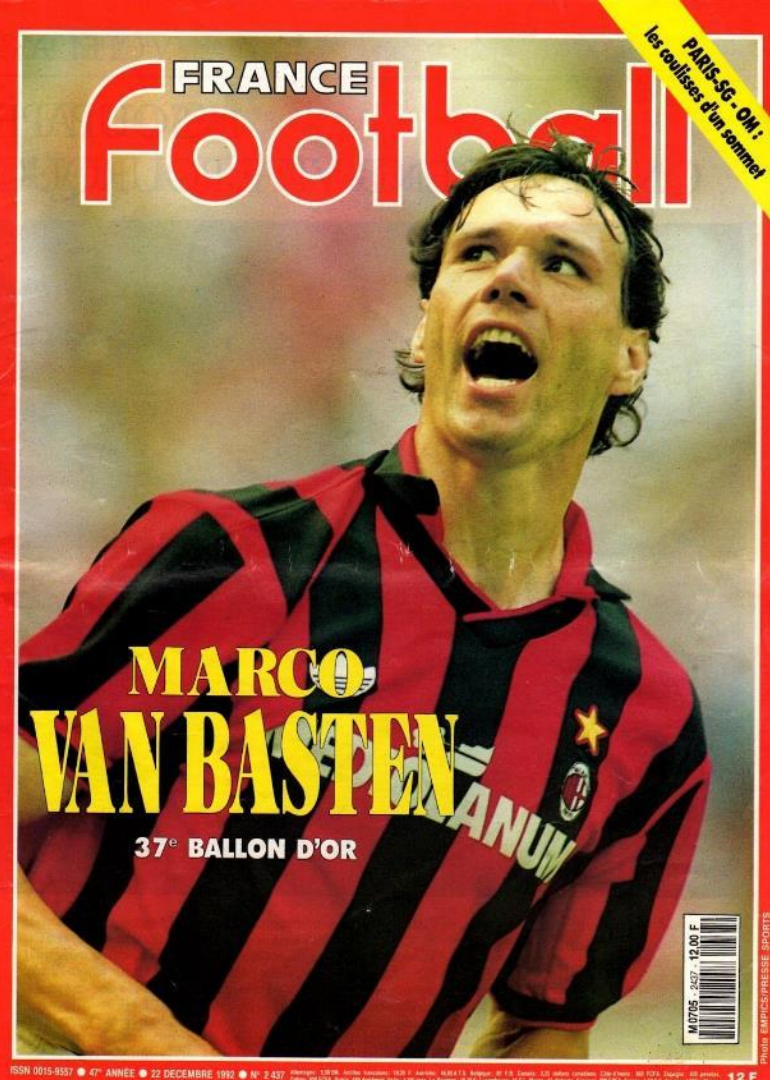
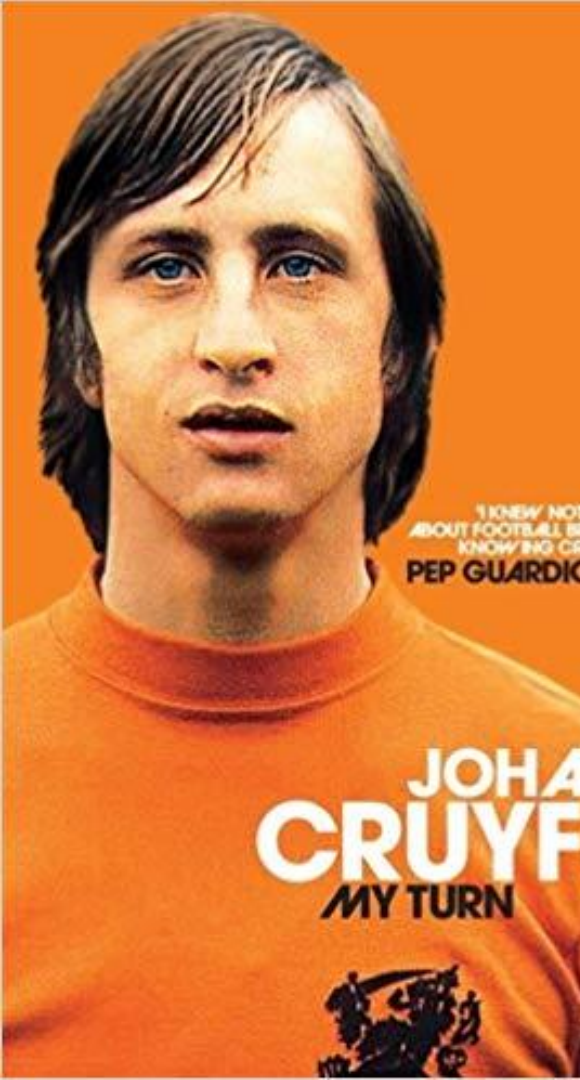
Urban Forestry in Volatile Times

*Capitalising on the challenge – and
keeping your eyes on the target*

CECIL KONIJNENDIJK

UFORIA – URBAN FORESTRY RESEARCH IN ACTION, UBC





Outline of Today's Seminar

Morning:

- Volatile times – and impacts on urban forestry
- Case in point: pests and diseases

Afternoon:

- Case in point: governing and calamities
- How to be successful in volatile times?



VOLATILE TIMES – AND IMPACT ON URBAN FORESTRY





SINCE 1828

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volatile

DICTIONARY

THESAURUS

vol·a·tile | \ 'vā-lə-tēl , especially British - ,tī(-ə)l\

Definition of **volatile** (Entry 1 of 2)

- 1 a** : characterized by or subject to rapid or unexpected change
// a volatile market
- b** : unable to hold the attention fixed because of an inherent lightness or fickleness of disposition
- 2 a** : tending to erupt into violence : EXPLOSIVE
// a volatile temper
- b** : easily aroused
// volatile suspicions
- c** : LIGHTHEARTED, LIVELY
- 3** : readily vaporizable at a relatively low temperature
- 4** : difficult to capture or hold permanently : EVANESCENT, TRANSITORY
- 5** : flying or having the power to fly

What makes our current era volatile?





By Dorothea Lange - Image available from the United States Library of Congress's Prints and Photographs division under the digital ID cph.3c29107. <https://commons.wikimedia.org/w/index.php?curid=492269>

By Unknown - Available from Library and Archives Canada. <https://commons.wikimedia.org/w/index.php?curid=3313068>







The current geological age, viewed as the period during which human activity has been the dominant influence on climate and the environment.

Bob McMillan / FEMA Photo Gallery



The new normal?



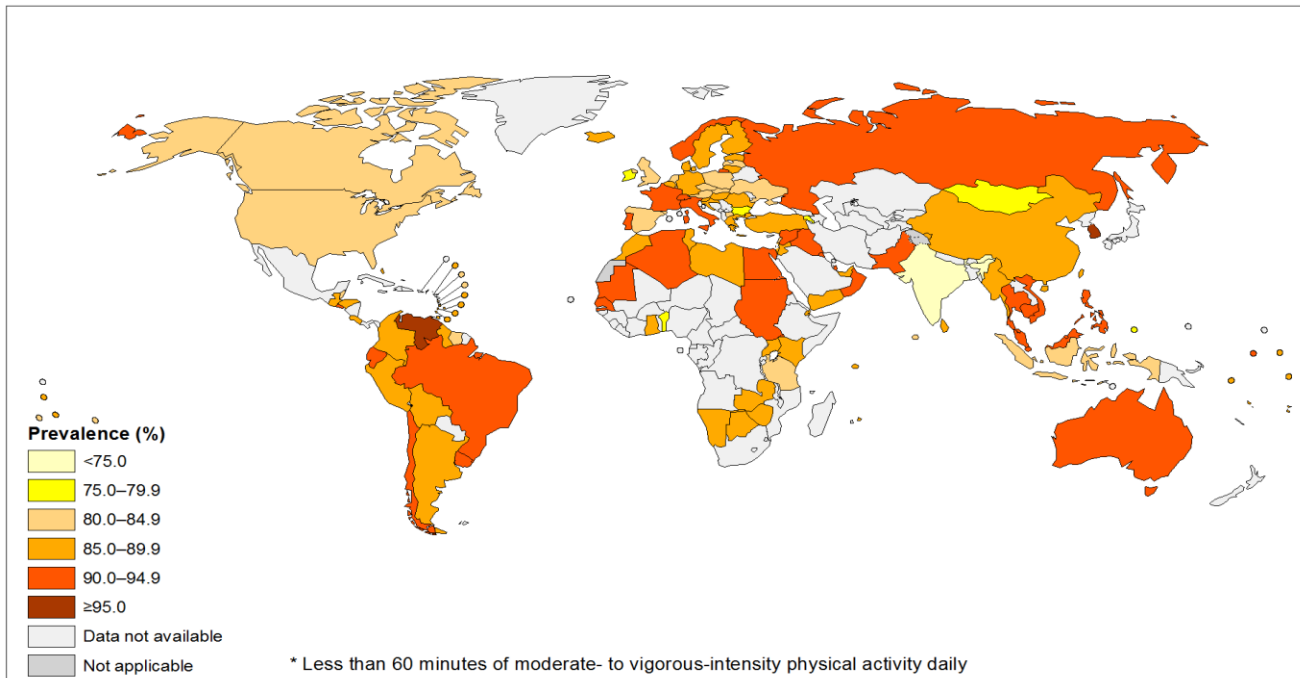
Phil Stanziola - New York World-Telegram and the Sun Newspaper Photograph Collection, Library of Congress

“Cities are an immense laboratory of trial and error, failure and success, in city building and city design”
— Jane Jacobs (1961)





**Prevalence of insufficient physical activity* among school going adolescents, ages 11–17 (crude estimates):
Females, 2010**



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: World Health Organization
Map Production: Health Statistics and
Information Systems (HSI)
World Health Organization



**World Health
Organization**

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AP Photo/ Kerstin Joensson





How is urban forestry affected?

TENTOONSTELLING



BOSCH- PLAN

*maquettes, foto's
en teekeningen*

militie-zaal



26 JAN. t/m 8 FEBR. ALLE WERKDAGEN
10-5 EN 7-10 UUR
TOEGANGSPRIJS 10 CENT



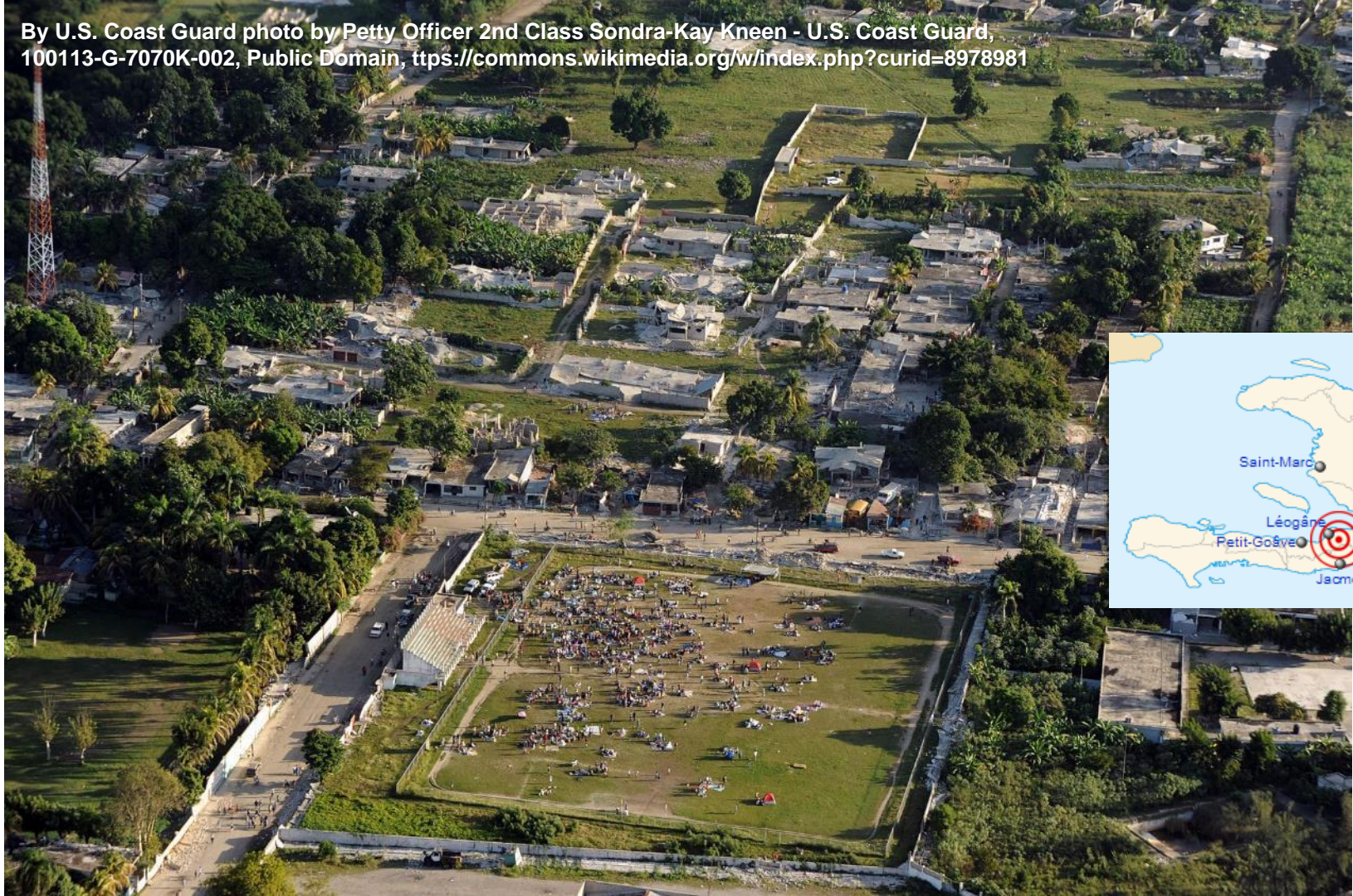
ELSEVIER

War and the
of the urban
Bosnia and

Igor Lacan , Joe R. M.

Component	Inventory in 1992	Destroyed in siege, 1992–1995	
		Total	Percent destroyed
Park lawns	1.59 km ²	1.23 km ²	77
Trees	26,211	20,094	76
Shrubs	185,748	111,542	60
Roses	11,193 m ²	5772 m ²	51
Flowers	7574 m ²	4905 m ²	65
Hedges	12.6 km	2.1 km	17
Park benches	1711	1706	99
Park fences	1.6 km	1.6 km	100

Combustible materials in bold.





Existing conditions at Birrarung Marr and Yarra River southern bank with the trees colour coded to show existing ULE.
(Colours indicate: Red 0-5 years ULE; Orange 5-10 years ULE; Blue 10-20 years ULE; Green 20+ years ULE).



Exhausted worker in Dubai, 2015
photo: Kamran Jebreili



FIGHTING THE INVASION

THE ROOT OF THE COUNTRY'S TREE PEST PROBLEM



AMERICAN FORESTS

140 YEARS of Protecting and Restoring Forests

The Manhattan Airport Foundation

The Manhattan Airport Foundation is a land-use constituency committed to the immediate development of a viable and centrally-located international air transportation hub in New York City for the benefit of all New Yorkers.

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In The News



High Line Phase One Opens to
NYC Support the New Project
Manhattan Airport Feature
Downtown Park Co. from Waalwijk
Trust, Yonkmanote Ltd.
[8 Apr 2009]



Contents lists available at SciVerse ScienceDirect

Geoforum

journal homepage: www.elsevier.com/locate/geoforum



When green is White: The cultural politics of race, nature and social exclusion in a Los Angeles urban national park

Jason Byrne*

School of Environment, Griffith University, Gold Coast, Queensland 4222, Australia

Dolores: My sister and I went there. We were really afraid because we thought that we were going to be thrown out. I didn't want to make any noise and I didn't want to talk loud or anything.

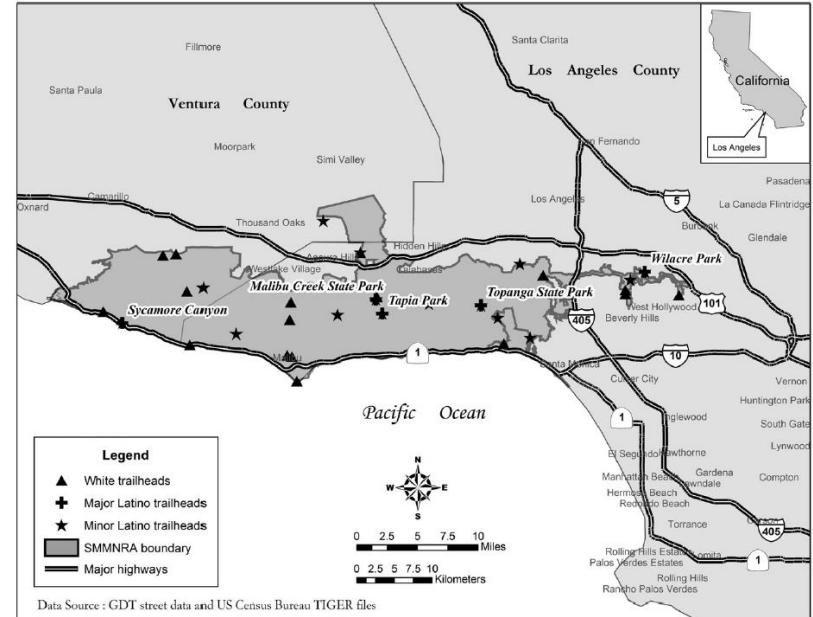
MOD: Santiago, can you tell me who ...goes out to the mountains? Who uses those areas?

Yolanda: [translates for Santiago who is very animated]

Yolanda: Mostly Americans

MOD: Americans? Uh-huh. What kind of Americans?

Drina: They are rich. Rich people



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SHOP MEN'S >

SHOP WOMEN'S >



A close-up photograph of a weathered wooden bench. A rectangular brass plaque is mounted on the bench with four screws. The plaque contains a humorous inscription in a simple, sans-serif font. To the right of the plaque, a dark, circular object, possibly a metal cap or a hole, is visible on the wood. The background is a blurred green lawn.

In memory of
Roger Bucklesby
Who hated this park,
and everyone in it.

Photo: Matilda van den Bosch

- (2) **Visible nature:** *Visible Greenspace 100 m* was defined as greenspace percentage in a 100-meter buffer, and *Visible Natural Space 100 m* was defined as greenspace and bluespace percentage within a 100-meter buffer;
- (3) **Accessible neighborhood nature:** *Accessible Greenspace 500 m* was defined as publicly accessible greenspace percentage within a 500-meter buffer, and *Accessible Natural Space 500 m* was defined as public greenspace and bluespace percentage within a 500-meter buffer;



Environmental Research

Volume 171, April 2019, Pages 365-377



Exposure to natural space, sense of community belonging, and adverse mental health outcomes across an urban region

Emily J. Rugeley ^{a,*,}, Richard M. Carpiano ^{a,c,d,}, Sarah B. Henderson ^{a,c,}, Michael Brauer ^a

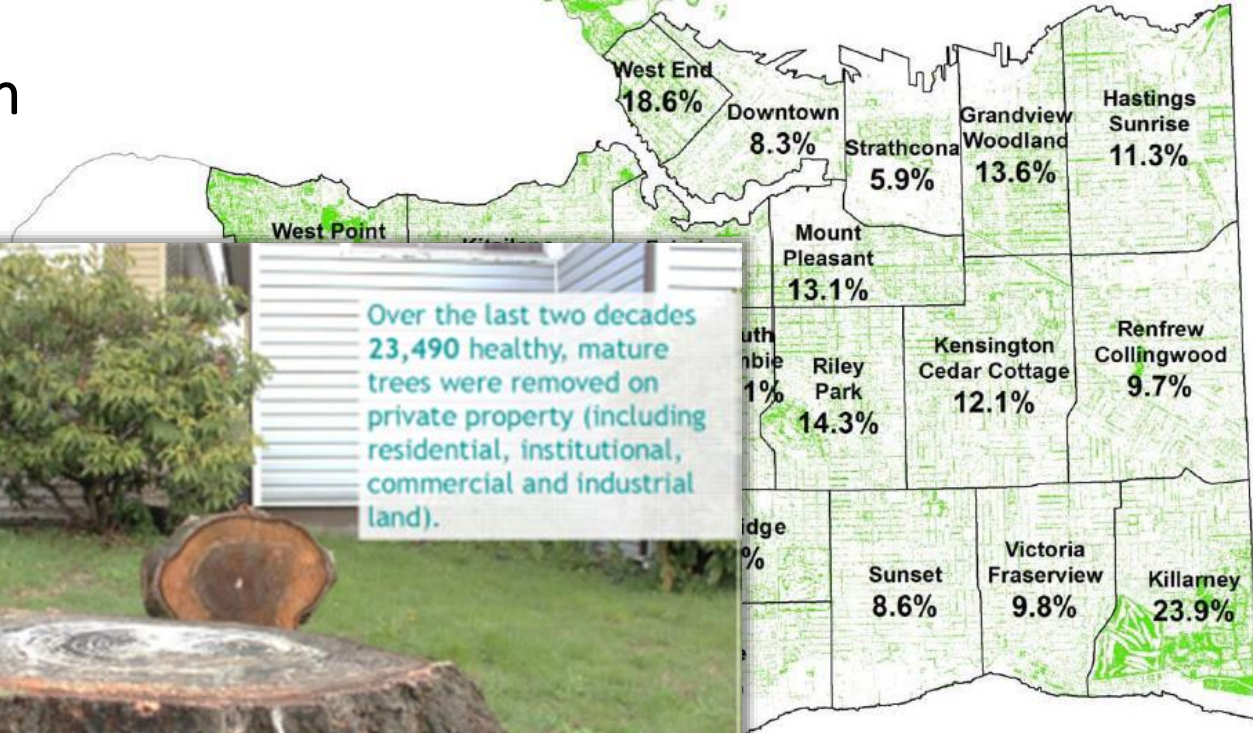
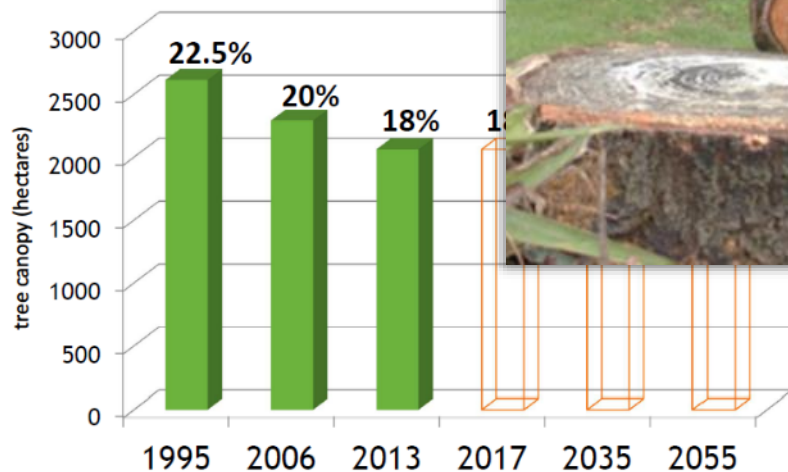
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<https://doi.org/10.1016/j.envres.2019.01.034>

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Tree canopy distribution trends and projections



Source: City of Vancouver, Urban Forest Strategy 2014



Twitter, Inc. [US] twitter.com/SaveSheffTrees?lang=en-ca

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Following 755

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@SaveSheffTrees

We're campaigning to save Sheffield Trees :-)

Sheffield, England

Joined June 2015

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Media

Save Sheffield Trees Retweeted

Shaffaq Mohammed @shaffaqmohd · 2h

,@SaveSheffTrees @SheffTreeAction I am continuing to press @SheffCouncil to take fresh approach to their controversial "Street Tree Felling" policy, this pause could be the last chance to change their way. Council need to meet with the Tree Campaigners thestar.co.uk/news/use-time-...



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Trees and forests Opinion

@patrick_barkham
Mon 11 Sep 2017 17:49 BST



< 6,347
421

Put a price on urban trees - and halt this chainsaw massacre *Patrick Barkham*



From chestnuts in south London to elms in Sheffield, they improve mental health, and stem pollution and floods. Yet policymakers fail to see them as assets



▲ This month marks the beginning of the end for Sheffield's Chelsea Road elm, a rare surviving English elm with a colony of equally rare white-letter hairstreak butterflies. Photograph: Matt Larsen-Daw/The Woodland Trust

It's a grim season for urban trees. The usual bustle of bicycles beneath a

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North York resident wins right to move city-owned tree based on religious belief

Vastu, an ancient Indian system of architecture involving home design, holds that trees shouldn't be planted directly in front of a home's main entrance.



North York resident Sanjeev Joshi says the 17.5-centimetre diameter maple tree in front of his house violates the principles of vastu. (SAMMY HUDES/TORONTO STAR / SAMMY HUDES/TORONTO STAR)



http://3.bp.blogspot.com/-B74p9_A6MOg/T6SAgwPDTBI/AAAAAAAABSo/jRo_ZQbkCUI/s640/musqueam+protest+2.jpg

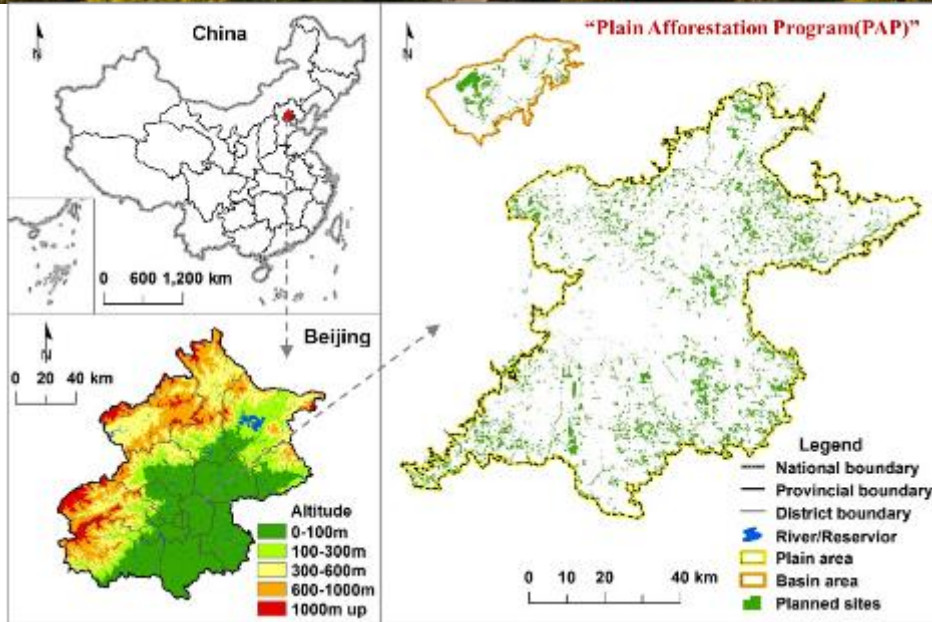


<http://www.mediacoop.ca/sites/mediacoop.ca/files2/mc/musquem2.jpg>


the city before the city

Project: Assessment of large-scale urban afforestation

Na (Alice) Yao
Visiting PhD Student



Large-scale Urban Afforestation Program →

- Planning
- Strategic implementation
- Short-term benefits

Resilience

The capacity to recover
quickly from difficulties;
toughness

foreword by TIM FLANNERY
PETER WOHLLEBEN

The Hidden Life of **TREES**

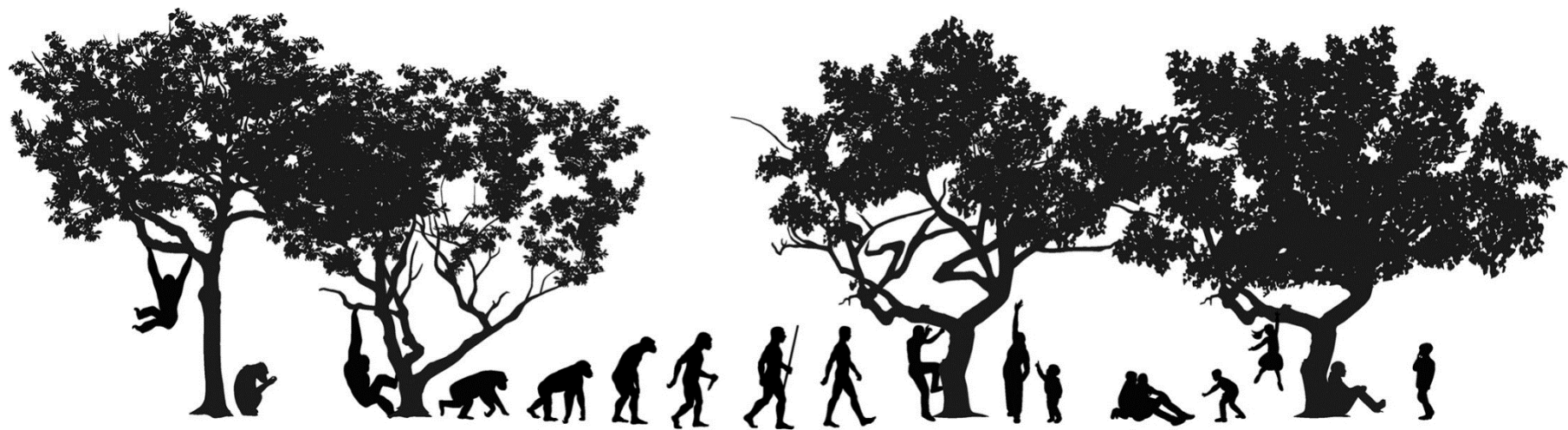


What They Feel,
How They Communicate

Discoveries from a Secret World



<http://blog.ted.com/forest-for-the-trees-suzanne-simard-at-tedsummit/>



Credit: Joseph Townsend and Susan Barton

HAZARDOUS TREES

When a tree falls: A look at the daunting task of maintaining a city's urban canopy

JILL MAHONEY > AND LEYLAND CECCO

PUBLISHED AUGUST 5, 2016

UPDATED NOVEMBER 12, 2017



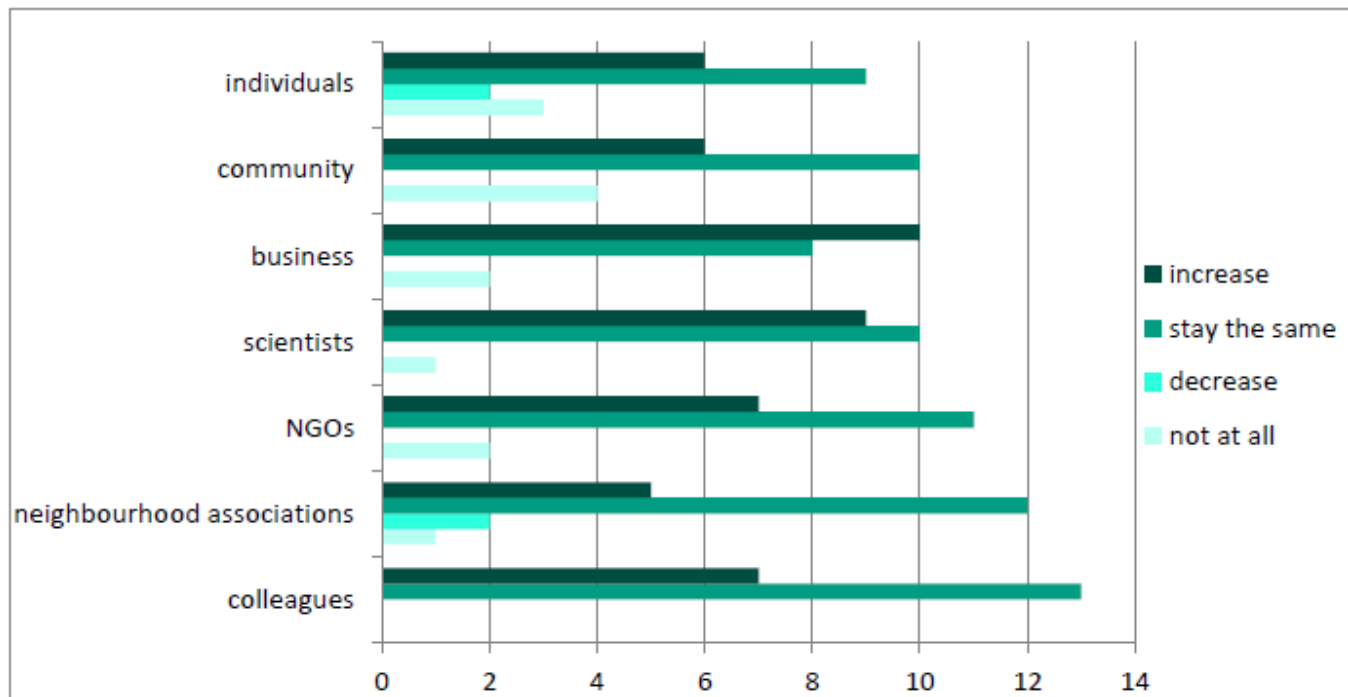


Figure 6.2 Views by city officials (N=20) on future involvement of stakeholders as gauged by of the following question in the questionnaire 'Who should be involved to what intensity in the future?'

“
**ENGINEERS
LIKE TO SOLVE
PROBLEMS.**

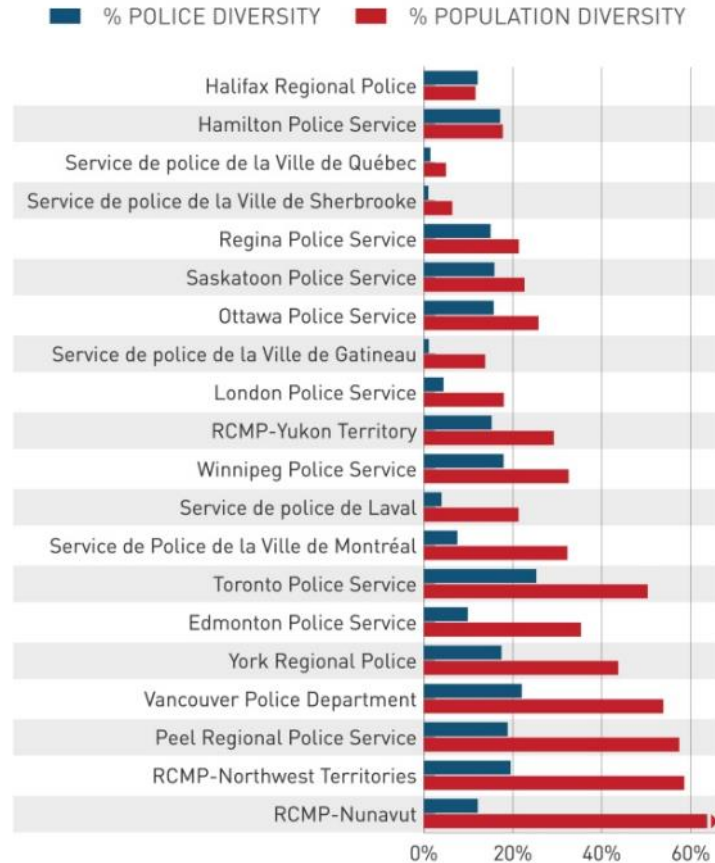


IF THERE ARE NO PROBLEMS HANDILY AVAILABLE,
██████ THEY WILL **CREATE**
THEIR OWN PROBLEMS.

SCOTT ADAMS

”

How well police forces reflect their communities



http://i.cbc.ca/1.3678145.1468448246!/fileImage/httpImage/image.jpg_gen/derivatives/original_620/police-diversity-canada-chart.jpg

Provide universal access to safe,
inclusive and accessible, green and
public spaces

In particular for women and children,
older persons and people with
disabilities







What did you get out of this?

