

STREET TREES 1:

COMPOSING BETTER ADDRESSES



@victordover

DOVER, KOHL & PARTNERS
town planning







DESIGN

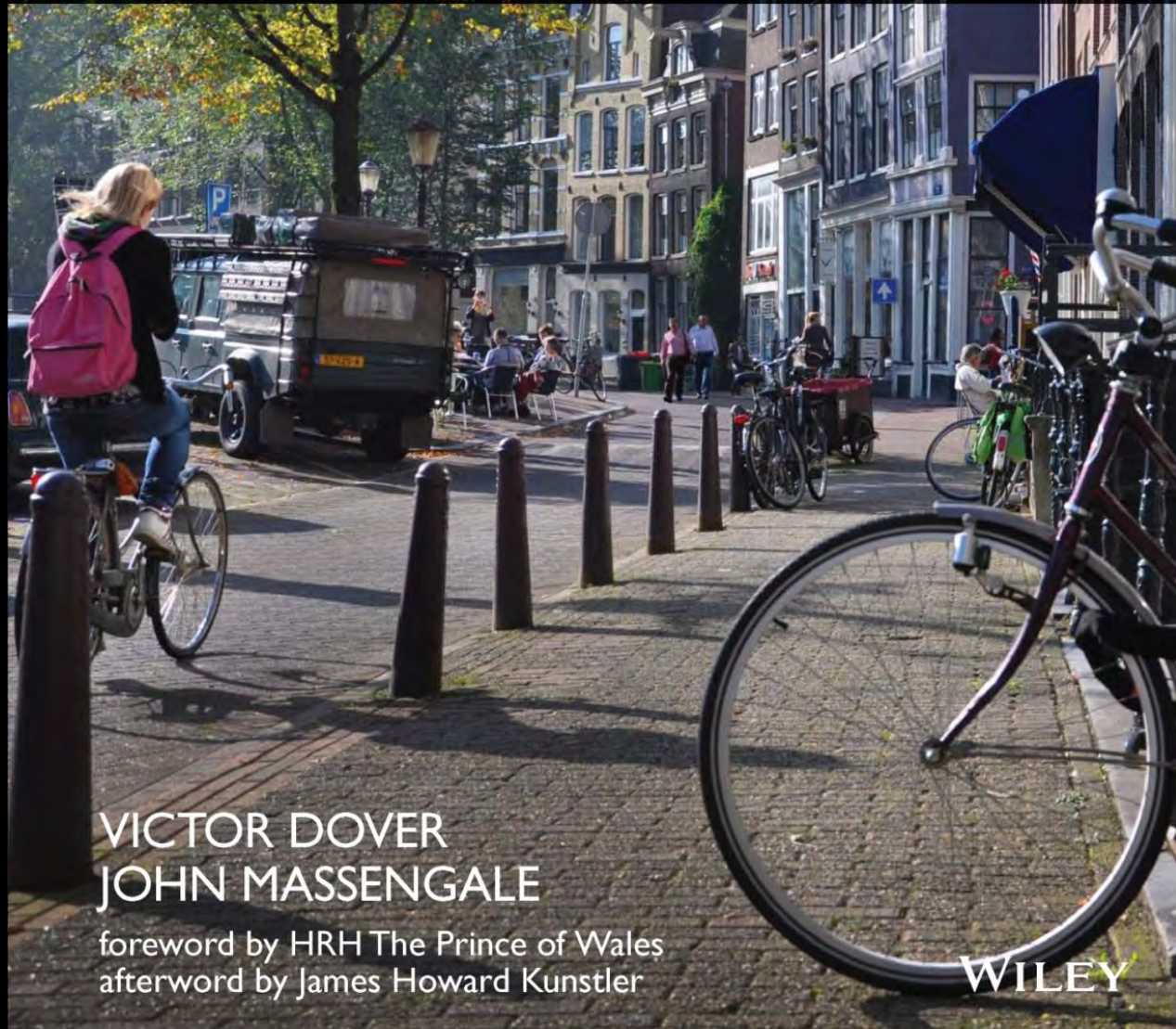
Cities and Towns

STREET DESIGN

The Secret to Great Cities and Towns

STREET

The Secret to Gr



VICTOR DOVER
JOHN MASSENGALE

foreword by HRH The Prince of Wales
afterword by James Howard Kunstler

WILEY

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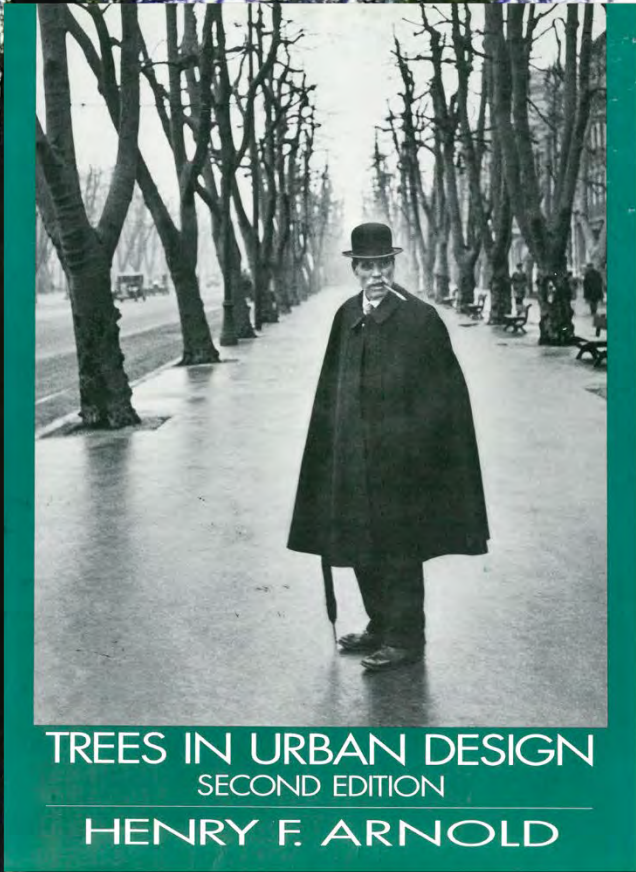
WILEY



THE DESIGN OF CITIES
BEGINS WITH STREETS

THE BEST STREETS =
PLACES WHERE PEOPLE WANT TO BE

STREET TREES = CRUCIAL



TREES IN URBAN DESIGN
SECOND EDITION
HENRY F. ARNOLD



BILTMORE VILLAGE, ASHEVILLE, NC



COMPARE:

- ✓ LAND USE
- ✓ DENSITY
- ✓ LOT SIZE
- ✓ PARKING
- ✓ HOUSE SIZE



SAME:

- ✓ LAND USE
- ✓ DENSITY
- ✓ LOT SIZE
- ✓ PARKING
- ✓ HOUSE SIZE

ANYWHERE U.S.A.



HABITAT...

life-sustaining
adapting
nourishing
fecund
diverse?
preferred
evolving

MACHINE...

utilitarian
fueled
efficient?
plumbed
wired
productive
moving

ART...

intentional
inspiring?
interactive
engaging
provocative
communicative
cherished

DATASET...

transactional
recognizable
economic
crowdsourced
organic?
pattern-rich
dynamic



T O W N



STREET TREES, YES.

THE TREE LINE

THE ALLEE

THE LINK

THE SINGLE TREE

A N D

THE LEAN-IN TREE



VIA APPIA, ROME ITALY



FOREST HILLS GARDENS, QUEENS NYC



CHARLESTON, SC

A photograph of a street lined with large, mature trees in Coral Gables, Florida. The trees are thick and have dense green foliage, creating a canopy over the road. A car is visible in the distance, driving away from the viewer. The scene is bathed in warm, golden light, suggesting late afternoon or early morning. The overall atmosphere is peaceful and scenic.

STREET TREES, YES.

CORAL GABLES, FL

Kenneth Garcia



ST. ALBANS, DAVIDSON, NC

DK&P



GREENVILLE, SC

Biomass-potential energy source

Reduction in storm water runoff and flooding

Visual screening for large expanses of pavement and utilities

Biomass, habitat and nutrients for birds and other wildlife

Decreased Energy demands for adjacent buildings

Absorption of harmful pollutants (natural filters)

Noise absorption/buffering

Increase in Property Values

Extended pavement life from shading

Reduced Urban Heat Island Effect

Reduced UV exposure for pedestrians

Reduce solar glare for drivers

Rehabilitation and stress relieving attributes

Provides context and aids drivers in better assessing their speed (traffic calming)

Define street edge and protect pedestrians

Root Structure and soils provide addition storm water management and subsurface habitat and nutrients for important bacteria and organisms.

