

CGR4M0 Grade 12 Environmental and Resource Management
Our Interactions with the Environment – Part 2: Urban Sprawl and “New Urbanism”

Urban Sprawl

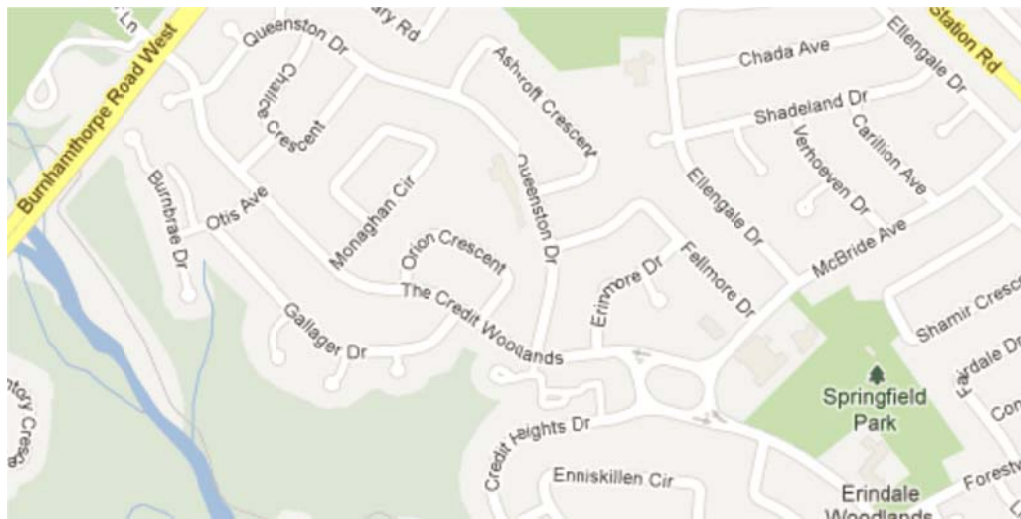
Urban sprawl is _____

Characteristics of Sprawl

- 1) Single-use Zoning

- 2) Low Density Zoning

- 3) Car-dependant Communities



New Urbanism

New urbanism is _____

Comparison

New Urbanism	Sprawl
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Residential Distribution

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Parking

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Transportation

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Street Plan

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Shops and Work Places

_____	_____
_____	_____
_____	_____
_____	_____
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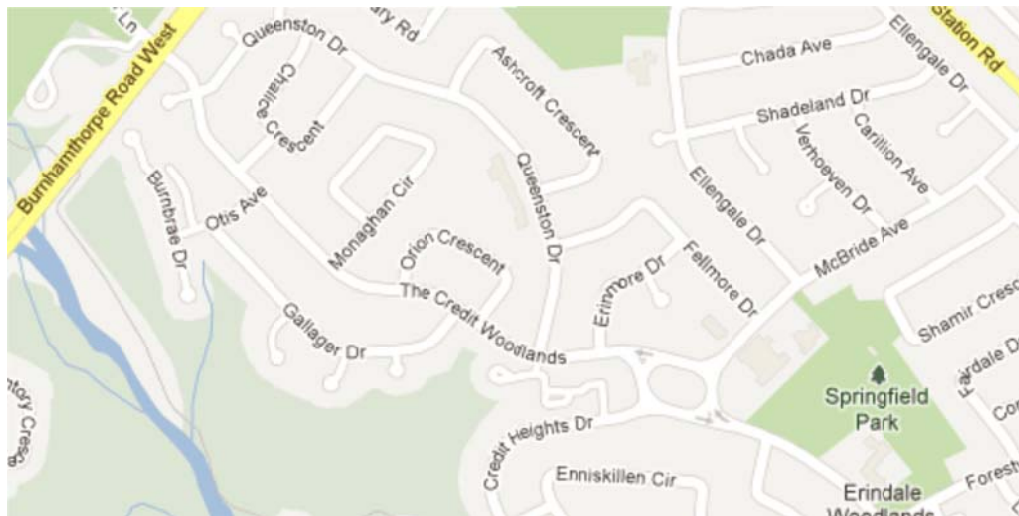
Urban sprawl is a multifaceted concept centered around the expansion of low-density development.

Characteristics of Sprawl

- 1) Single-use Zoning
 - commercial, residential, institutional and industrial areas are separated from one another
 - large areas of land are devoted to a single use and are segregated from one another ∴ the places where people live, work, shop, and recreate are far from one another

 - 2) Low Density Zoning
 - zoning laws generally require that new developments are low density (single family homes)
 - large lawns, wide streets, parking lots, strip malls, schools

 - 3) Car-dependant Communities
 - highly dependent on automobiles for transportation “automobile dependency”
 - most activities, such as shopping and commuting to work, require the use of a car
 - separated by fences, walls, and drainage ditches
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New Urbanism

New urbanism is a new approach to designing and building urban centres that incorporate pedestrian friendly streets that use mass-transit to serve a town centre with a mix a housing choices

Comparison

New Urbanism	Sprawl
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Residential Distribution

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Parking

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Transportation

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Street Plan

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_____	_____

Shops and Work Places

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http://www.nationalgeographic.com/features/00/earthpulse/sprawl/index_flash.html