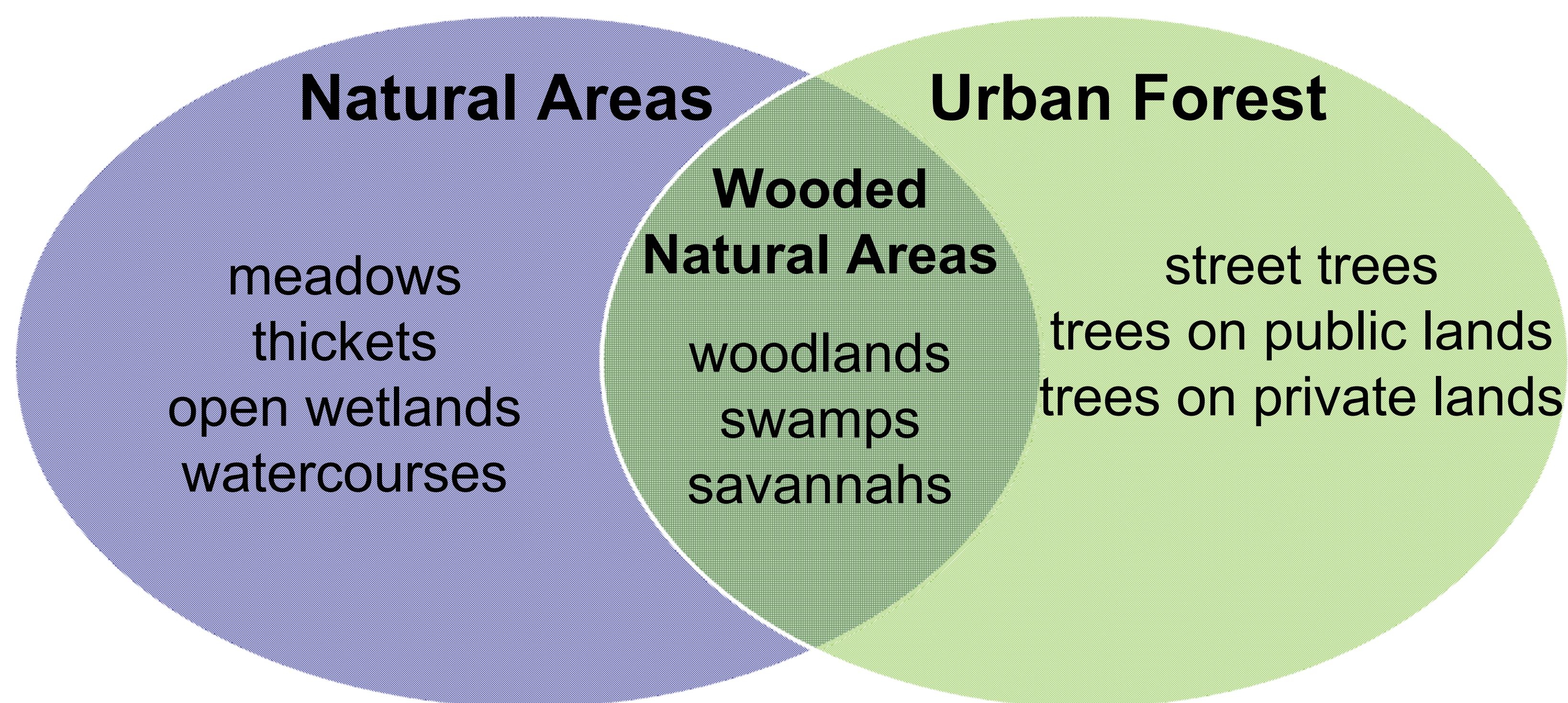


VALUING MISSISSAUGA'S NATURAL AREAS AND URBAN FOREST



Together, Mississauga's natural areas and urban forest provide a wide range of benefits and services to the City and those who live, work and play here. Some of these services can be quantified and assigned an estimated dollar value, but full accounting for all the benefits provided by these assets has yet to be done.

STRUCTURAL OR REPLACEMENT VALUE OF ALL TREES IN THE CITY: Estimated at \$1.4 Billion

ENVIRONMENTAL SERVICES

- Climate change mitigation (the city's trees store + 200,000 tonnes of carbon)
- Air quality improvements (the city's trees remove + 290 metric tonnes of air pollution annually valued at \$4.8 million savings / year)
- Reductions in local temperatures on hot days (2 - 5 °C) and related heat island effects
- Provision of habitat for plants and wildlife

COMMUNITY BENEFITS

- Better quality of life
- Supportive of active living
- Supportive of community building
- Supportive of education and recreation

ECONOMIC BENEFITS

- Increased property values
- Enhancement of commercial areas
- Reduced heating and cooling costs
- Supportive of tourism
- Reduced demand on engineered storm water management

PHYSICAL AND MENTAL HEALTH VALUE

- Protection from cancer-causing ultraviolet radiation
- Stress reduction
- Improved focus and mental responsiveness
- Supports physical activities outdoors