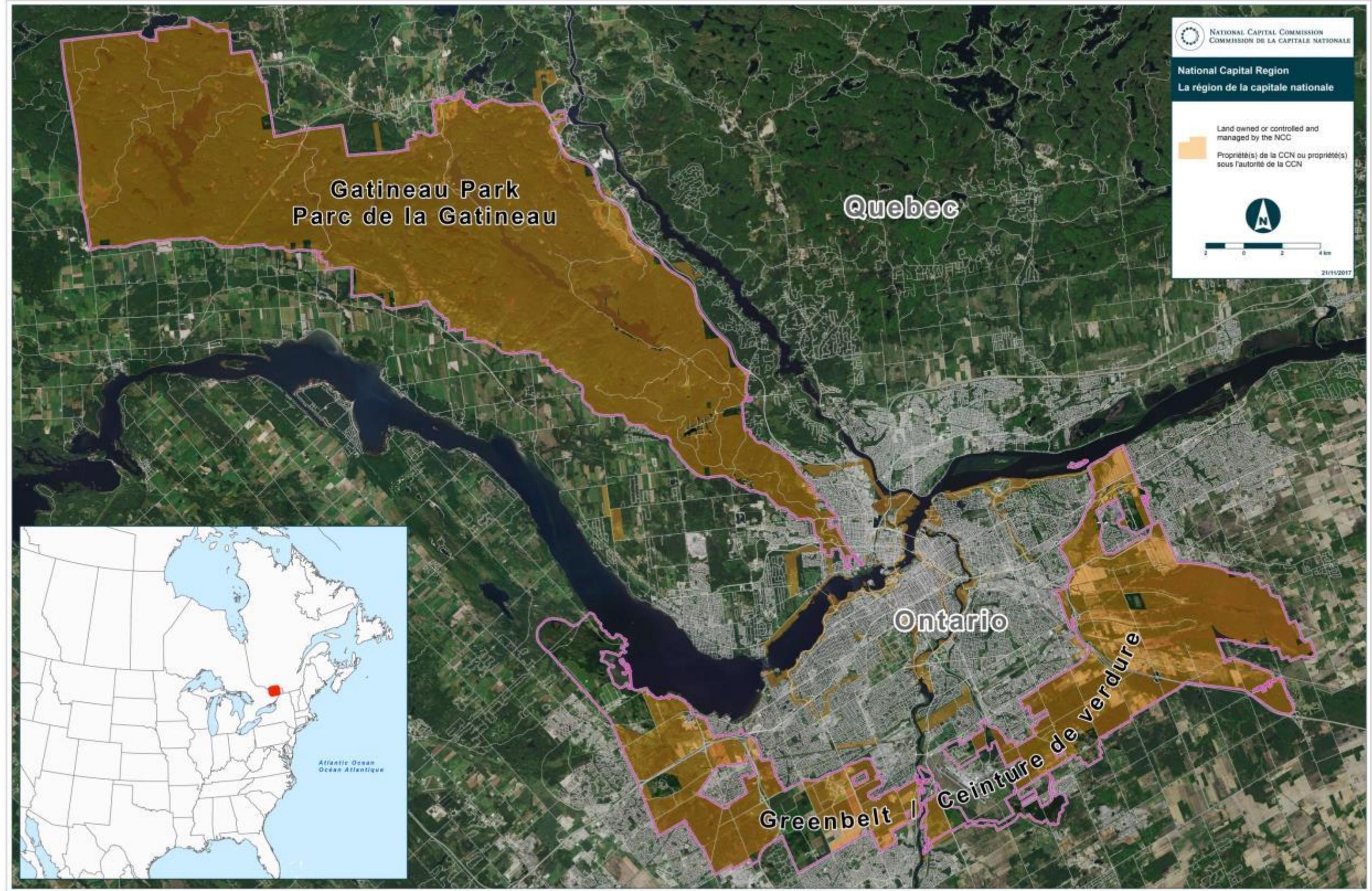




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# Natural Capital in Canada's Capital

Dr. Mark Kristmanson, CEO   27 November 2017



# NCC Green Assets



- Gatineau Park: 361 square kilometres
- Capital Greenbelt: 150 square kilometres
- 13 Urban parks
- Agricultural land: 54 square kilometres
- Pathways: 300 kilometres
- Scenic Parkways: 125 kilometres
- Waterfront: 75 kilometres
- Forest, wetlands, freshwater





# Natural Capital Study Partners



Institut des Sciences  
de la Forêt tempérée

Dr. Jérôme Dupras  
Chloé L'Ecuyer-Sauvageau  
Jeoffrey Auclair  
Jie He  
Thomas Poder



David  
Suzuki  
Foundation

Karel Mayrand  
Sylvain Perron  
Michelle Molnar



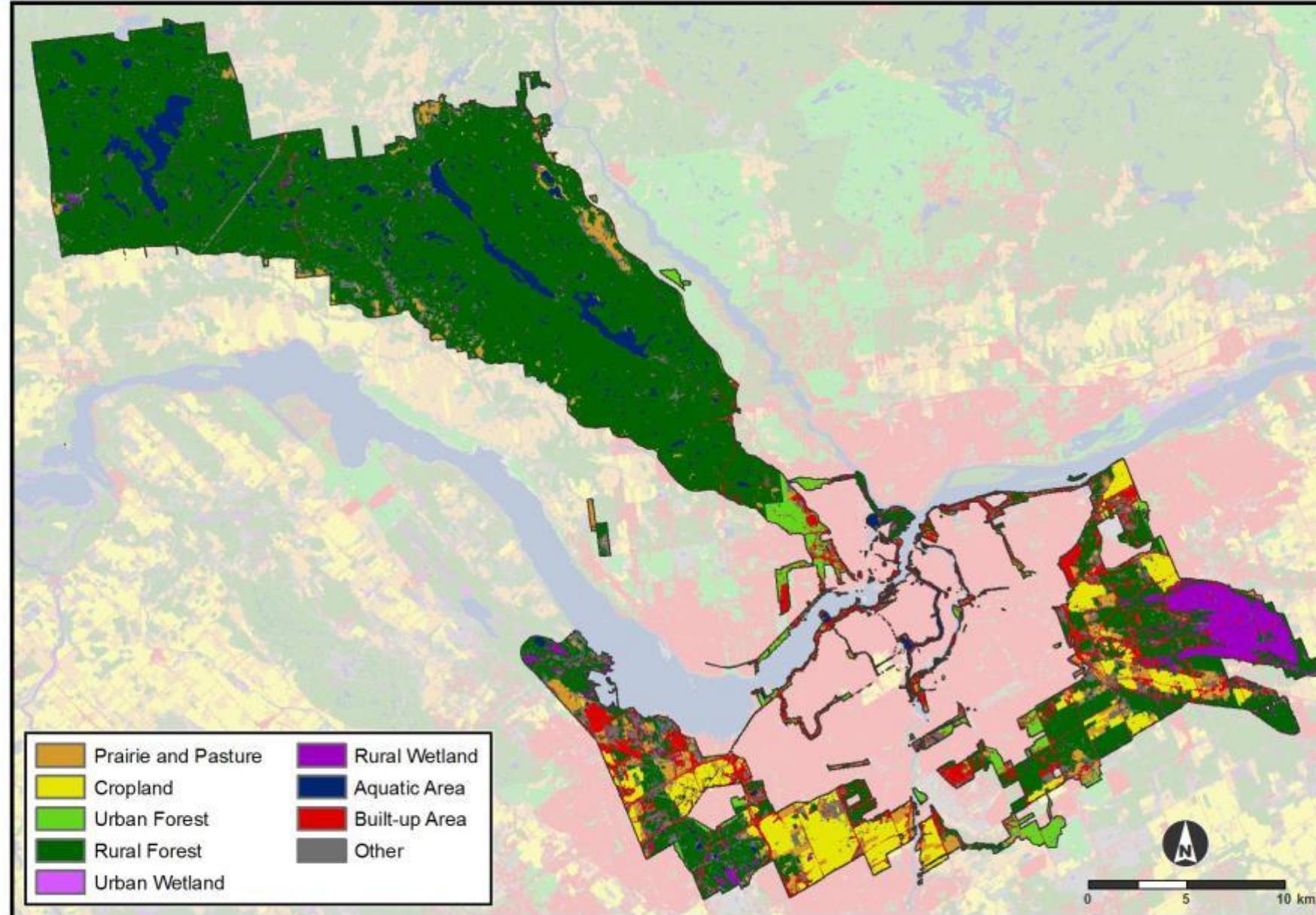
Fondation  
David  
Suzuki

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Catherine Verreault  
Geneviève Mercier  
Matthew Tomlinson



# National Capital Region Land Use



- Forests 72%
- Agricultural lands 10%
- Wetlands 5%
- Freshwater systems 5%
- Urban lands 8%

# The Findings

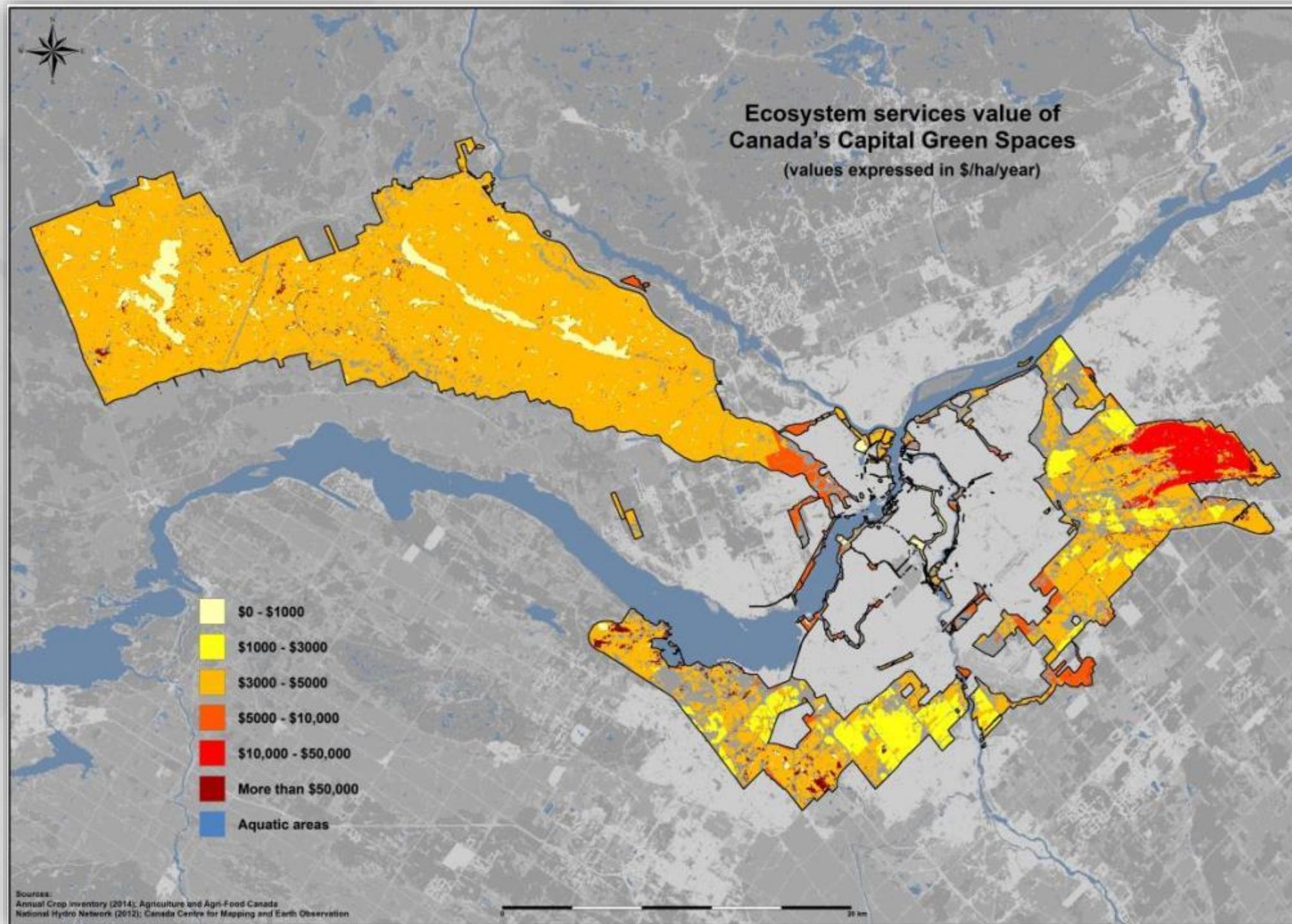


NCC green spaces contribute \$332 million per year (average) to the National Capital Region

Most value derives from:

- Wildlife habitat & pollutants treatment
- Mitigation of extreme weather events
- Global climate regulation via carbon sequestration

# Ecosystem Services Values



# Ecosystem Services Values

<b>Wetlands</b>	<b>\$59,394/hectare/year</b>
<b>Urban forests</b>	<b>\$9,352/hectare/year</b>
<b>Rural forests</b>	<b>\$4,193/hectare/year</b>
Prairies and pastures	\$3,338/hectare/year
Agricultural lands	\$1,363/hectare/year
Freshwater systems	\$137/hectare/year





