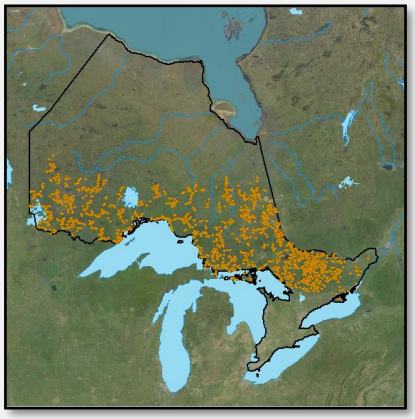
Forest Soil Datasets in Ontario

Forest Ecosystem Classification/Ecosystem Land Classification (FEC/ELC)

Project Details

Ontario's ecological land classification system is founded on Angus Hills' Site regions and Districts, first adopted in the 1950's. The Ministry of Natural Resources has continued to develop and refine the province's ecological divisions, enhancing their compatibility with national and continental classification systems (Ecological Land Classification Primer, 2007). The data includes 6644 ecological plots from eleven different projects across Ontario conducted between 1980 and 2005. Some plots include soil chemistry data.

Plot Map



Dataset Information

Year(s): 1980-2005

 # Plots: 6644

Data Format: Electronic Data Repository (EDR) database in Microsoft Access

Data Steward: Natural Heritage Information Centre (NHIC), Peterborough, ON (705)755-2159 Email: NHICrequests@ontario.ca

Partners: MNRF

Soil Data Attributes

SITE INFORMATION	
Location (coordinates, ecodistrict, township, etc.)	✓
Plot or Polygon ID	✓
Year	✓
Elevation	✓
Site Treatment	

SOIL PHYSICAL FIELD CHARACTERISTICS			
Soil Collection Method		Pore pattern	
Mode of Dep'n	✓	Depths by Horizon	✓
Slope details	✓	Depths by layers or depth	
Landform	✓	Humus form	✓
Stone/Rock outcrop		Structure	✓
Ecosite	✓	Boundary	
Texture (family, eff text)	✓	Roots	✓
Plot depth details	✓	CF	✓
MR	✓	Colour	
Seepage	✓	Acid test (K)	✓
Drainage Class	✓		

SOIL CHEMISTRY/LAB	
BD	✓
Sand Silt Clay	✓
pH	✓
C, org C	✓
C/N ratio	✓
Exch cations	✓
CEC	✓
SO4	

Publications

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Publications

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