Statistics Canada
www.statcan.gc.ca

Measuring Ecosystem Goods and Services

François Soulard

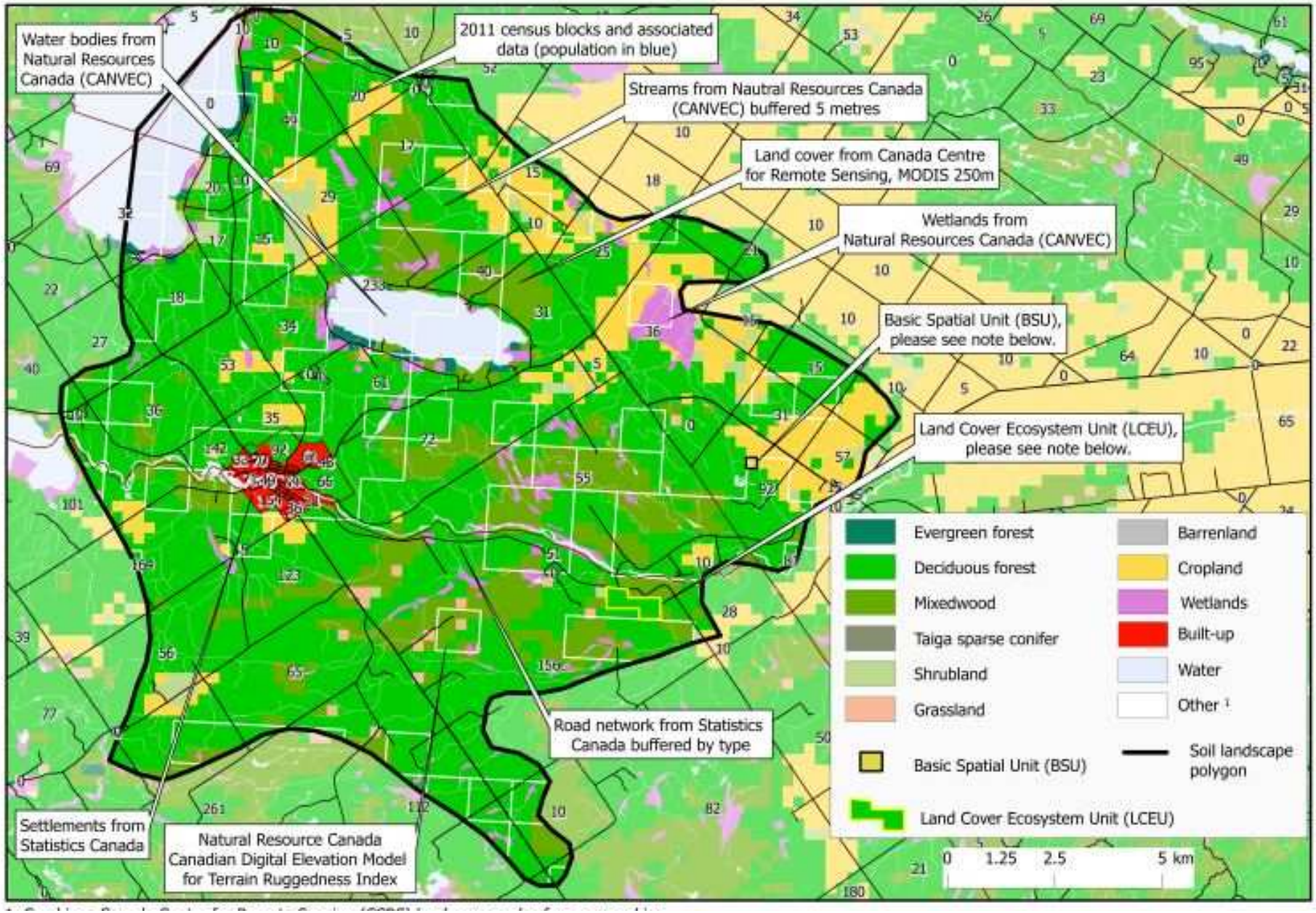
Environmental Accounts and Statistics Division

Statistics Canada

Statistics Canada Statistique Canada

Canada

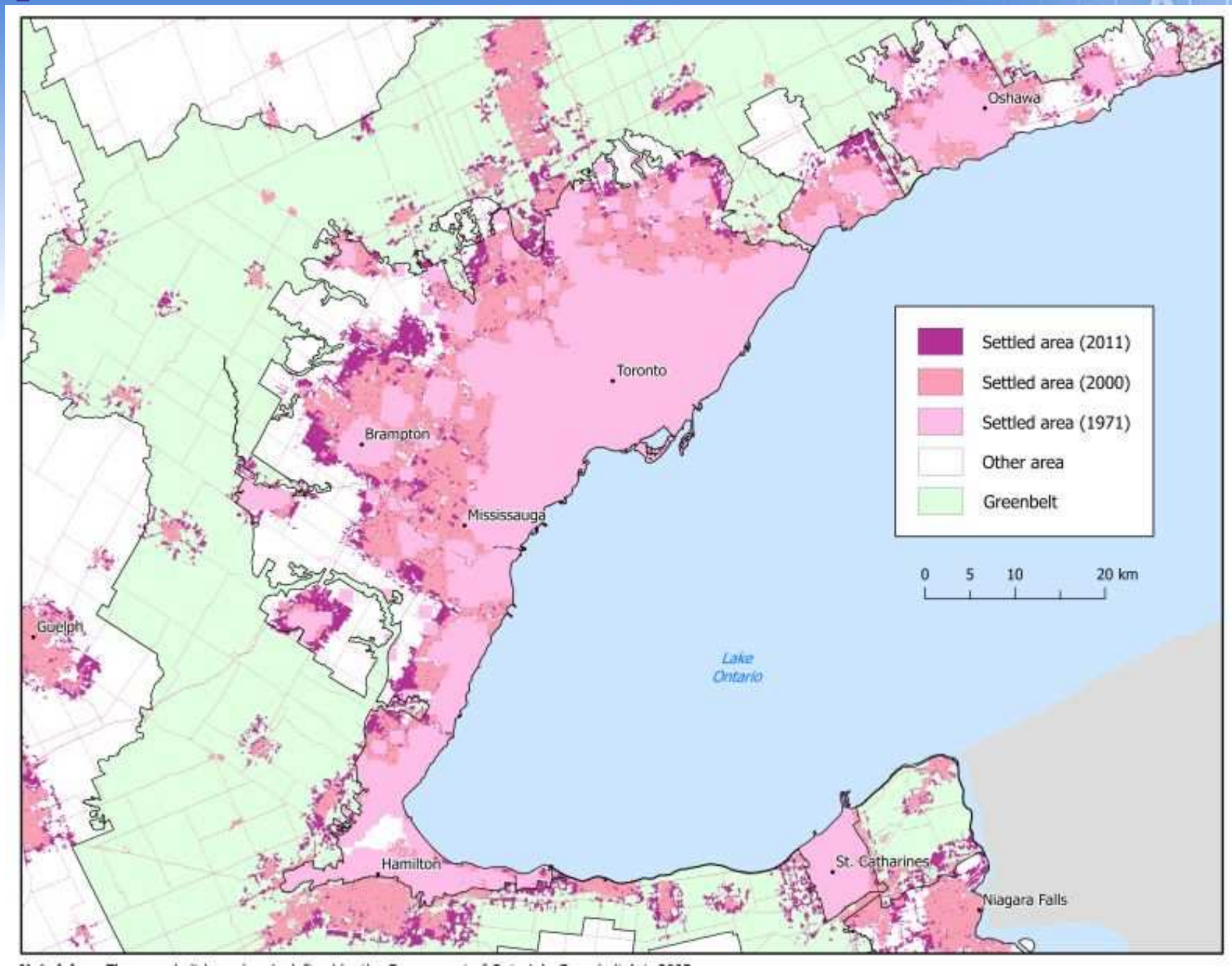
MEGS – Geodatabase infrastructure



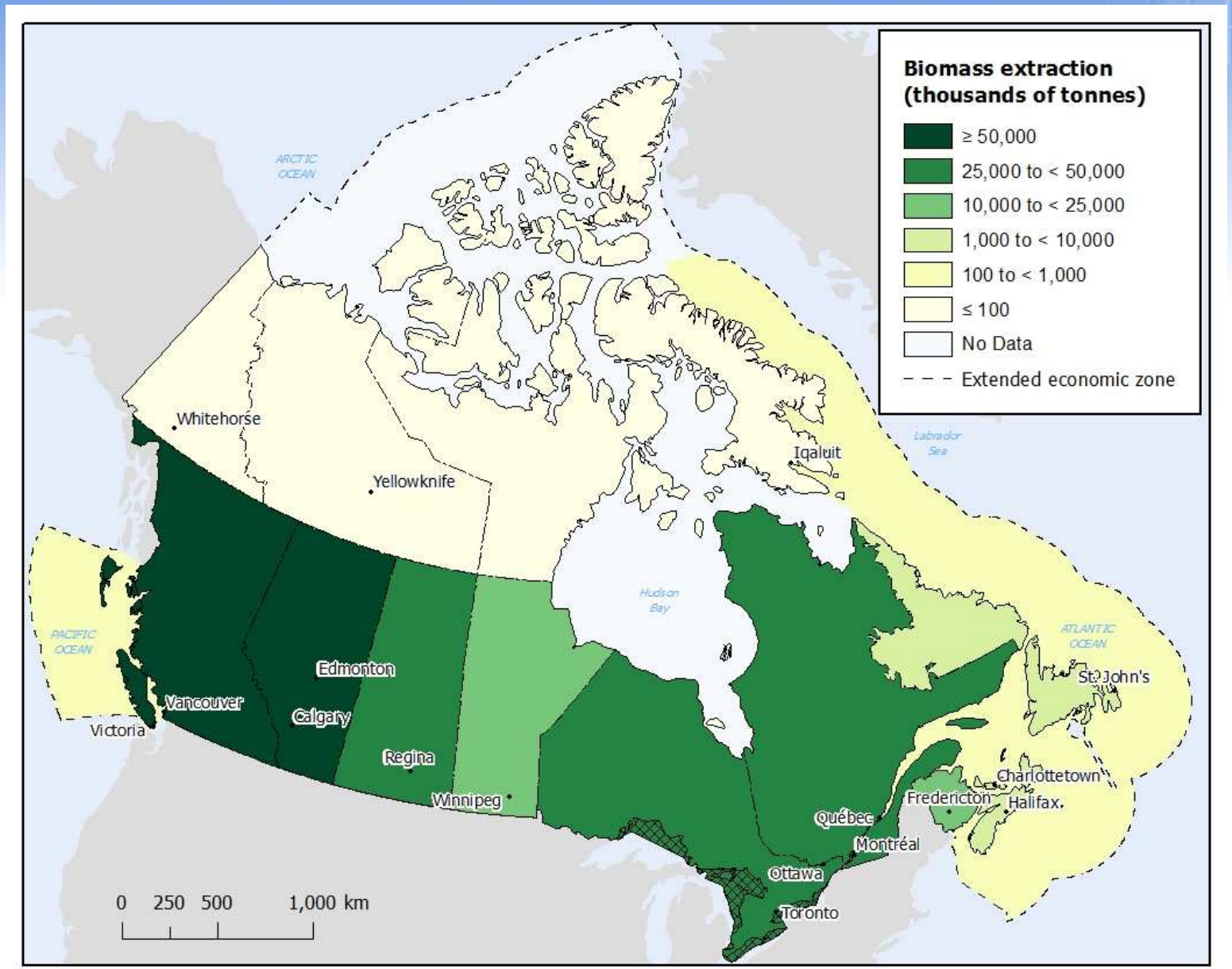
Data derived from the geodatabase

- Land cover
  - Change matrix, time series, various aggregation
- Land cover ecosystem units
  - With various other data (climatic, land use, etc.)
- Human landscape modifications measures
  - Natural land parcel size, distances, etc.
- Demand and supply for EGS
  - Freshwater, wetlands, forests, etc.
- Support material for EGS valuation
  - Biophysical and socio-economic properties

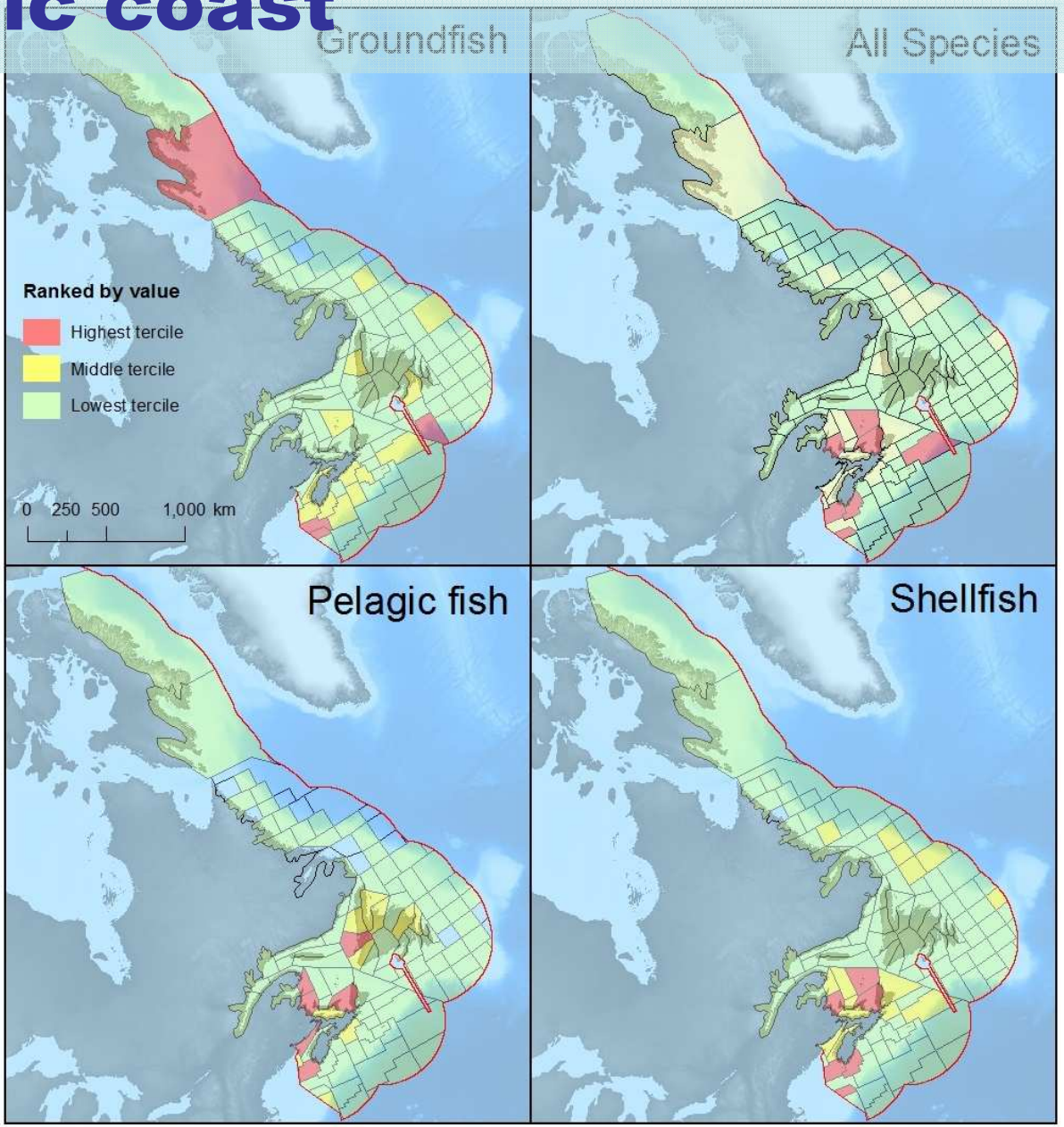
Expansion of settled area



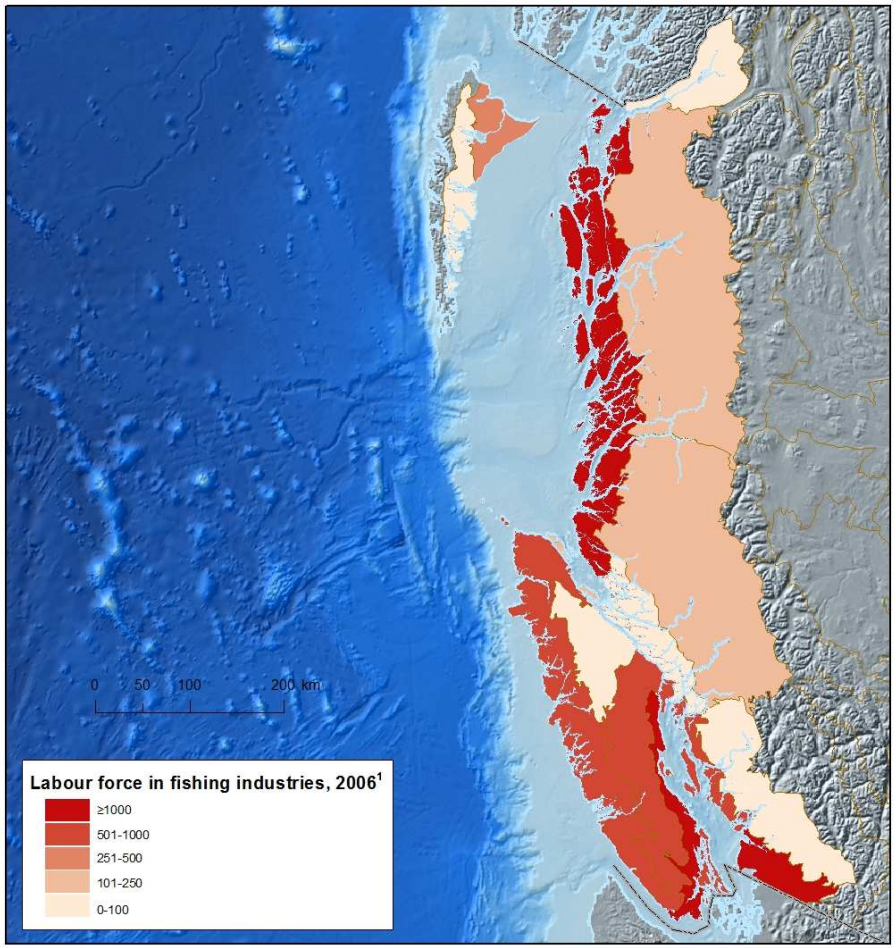
Ecosystem productivity: national biomass extraction



Value of commercial landings, Atlantic coast

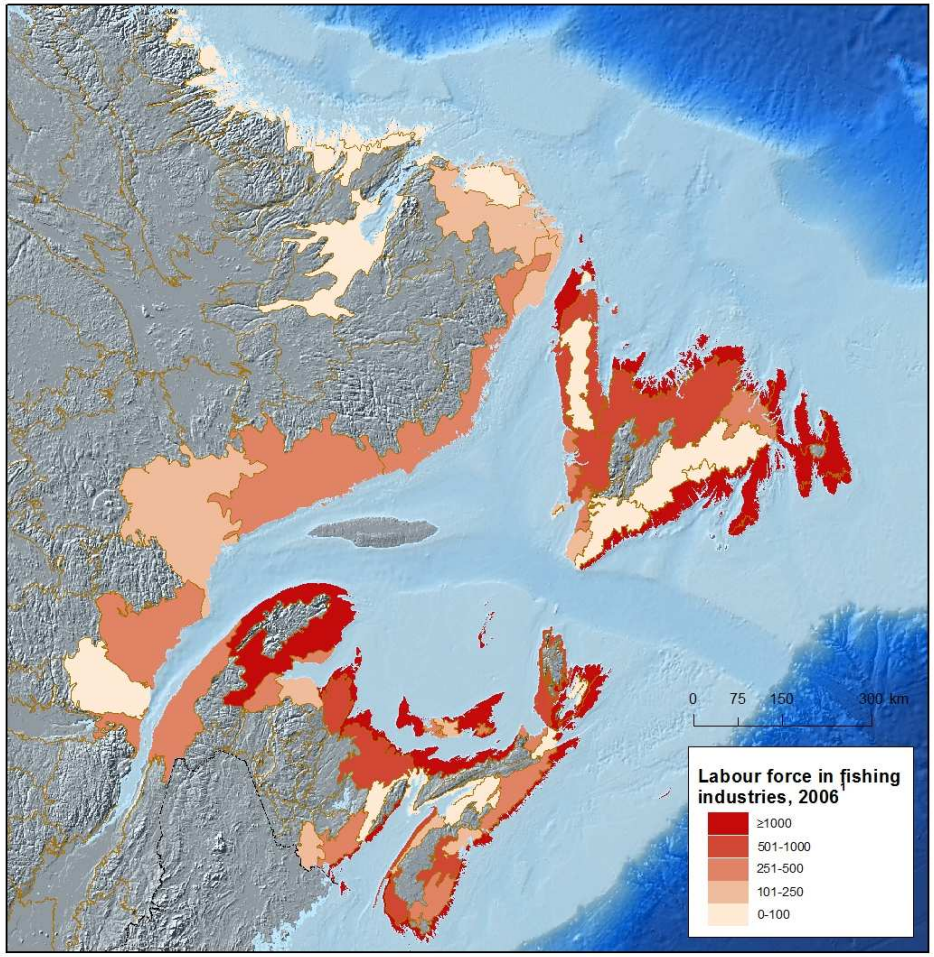


Marine coastal fisheries ecumene



Note(s): [1] Fishing Industries include: the Fishing industry (NAICS 1141), the Seafood Product Preparation and Packaging industry (NAICS 3117) and the Aquaculture industry (NAICS 1125).

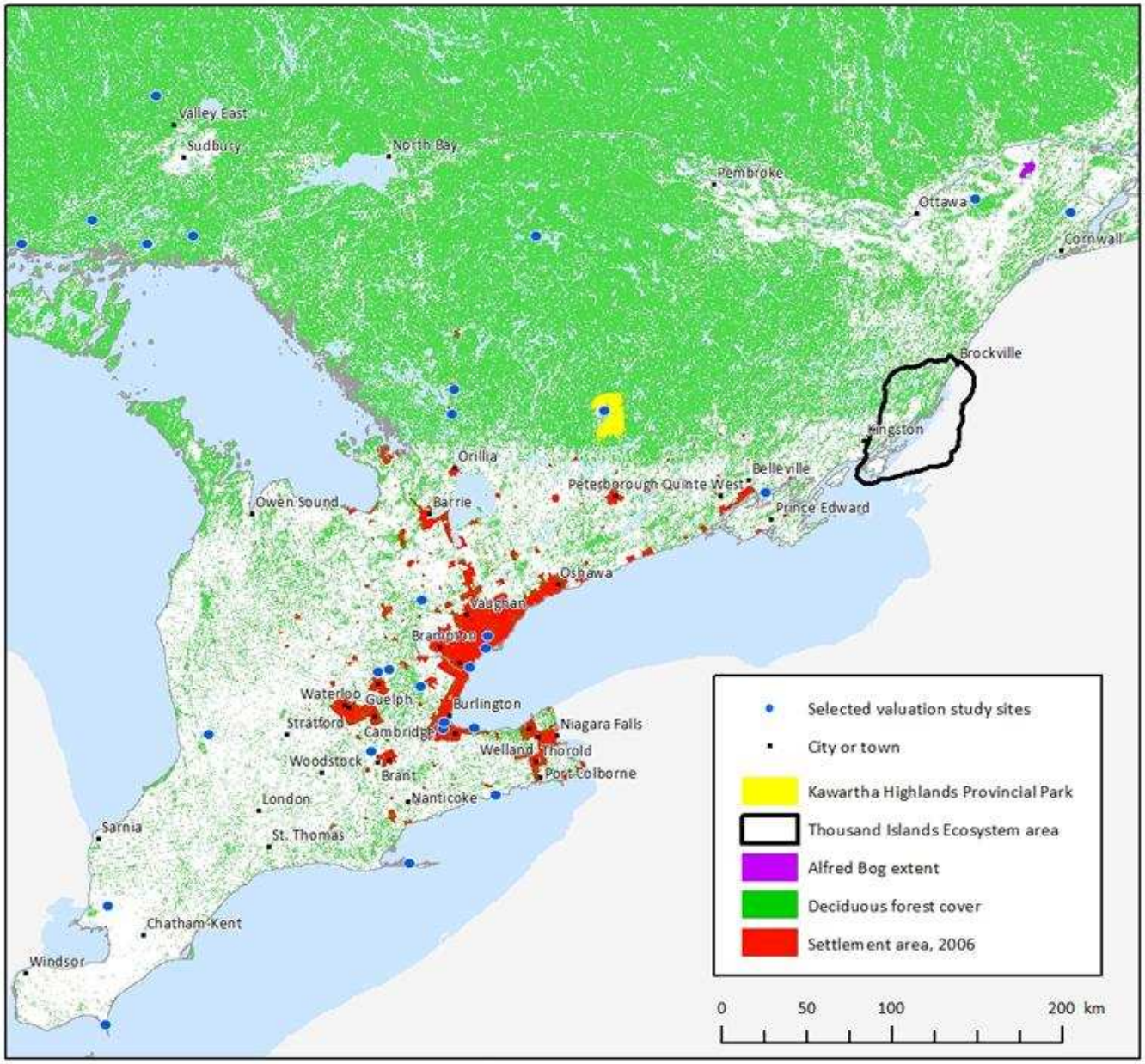
Source(s): Statistics Canada, 2013, 2006 Census of population, special tabulation.



Note(s): [1] Fishing Industries include: the Fishing industry (NAICS 1141), the Seafood Product Preparation and Packaging industry (NAICS 3117) and the Aquaculture industry (NAICS 1125).

Source(s): Statistics Canada, 2013, 2006 Census of population, special tabulation.

EGS Valuation: Pushing the ya



Source(s): Statistics Canada, Environment Accounts and Statistics Division, 2013, special tabulation.