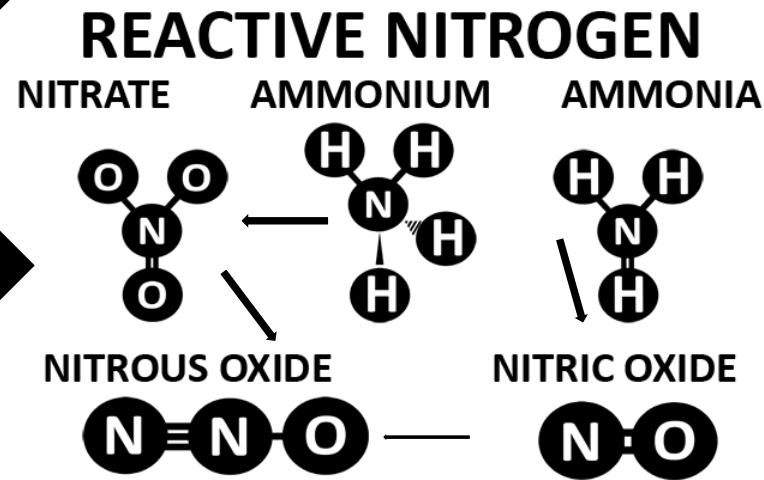
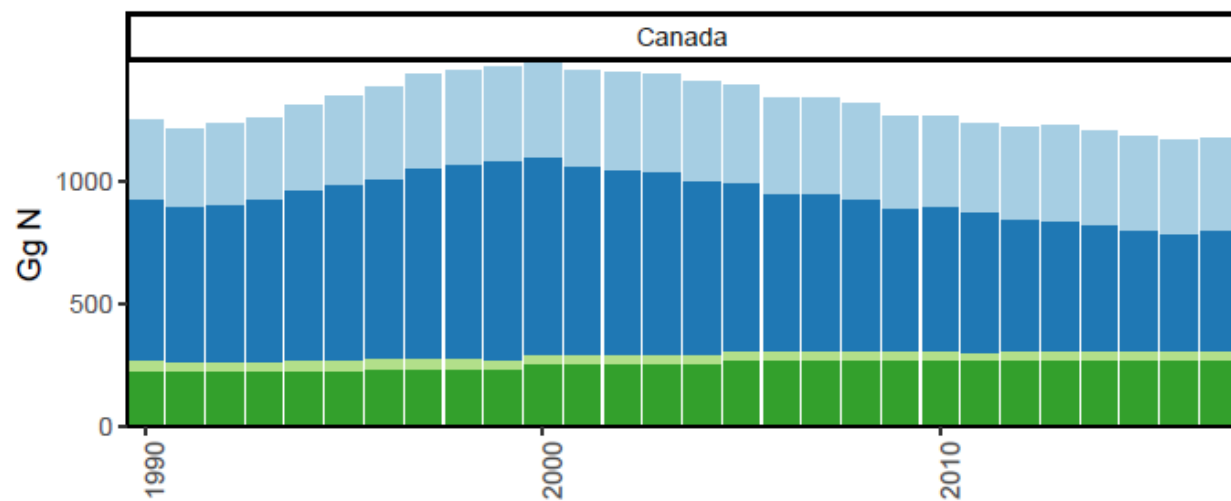


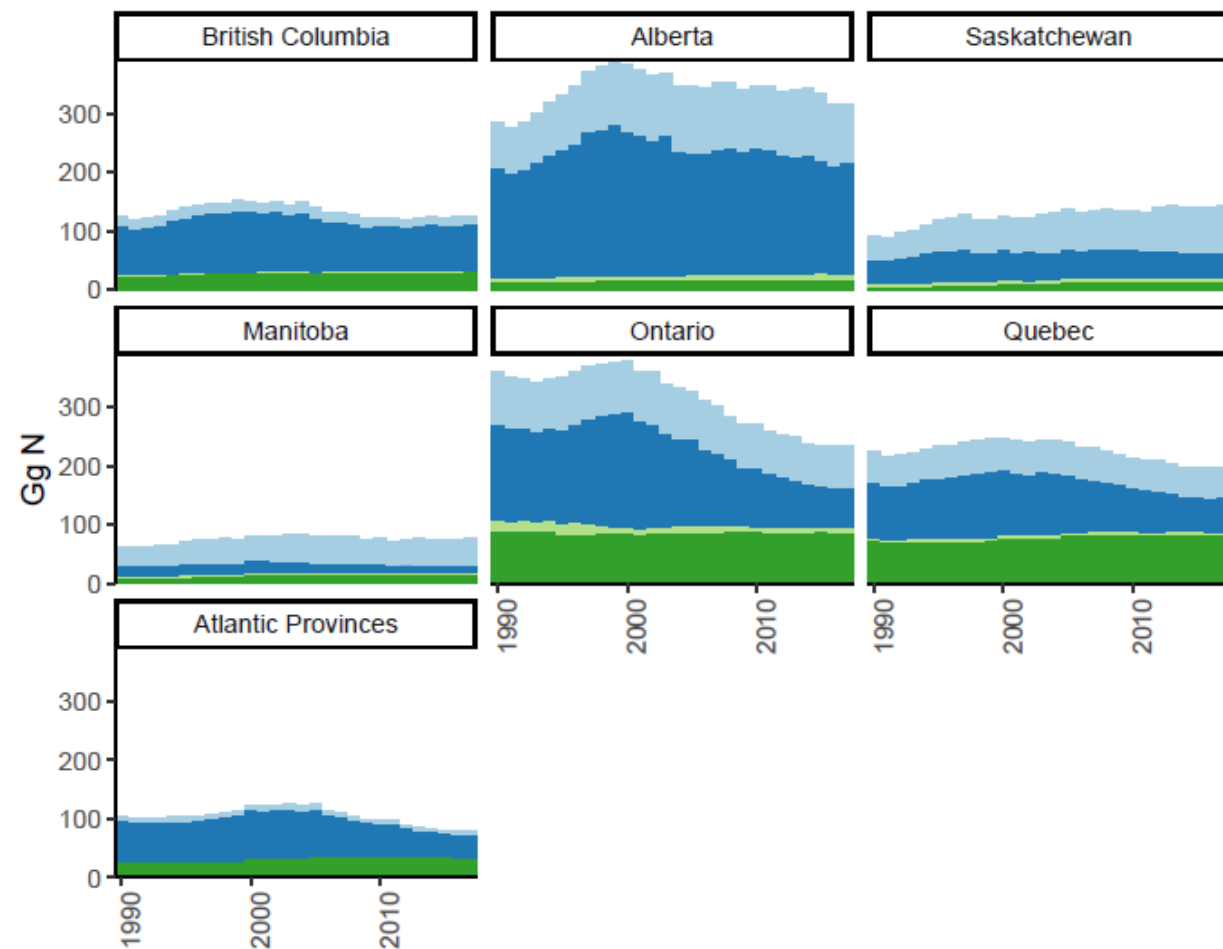
Important to assess multiple species of Nr simultaneously to understand overall national emission trends



Nationally, main source of Nr changing
from NO_x to NH_3

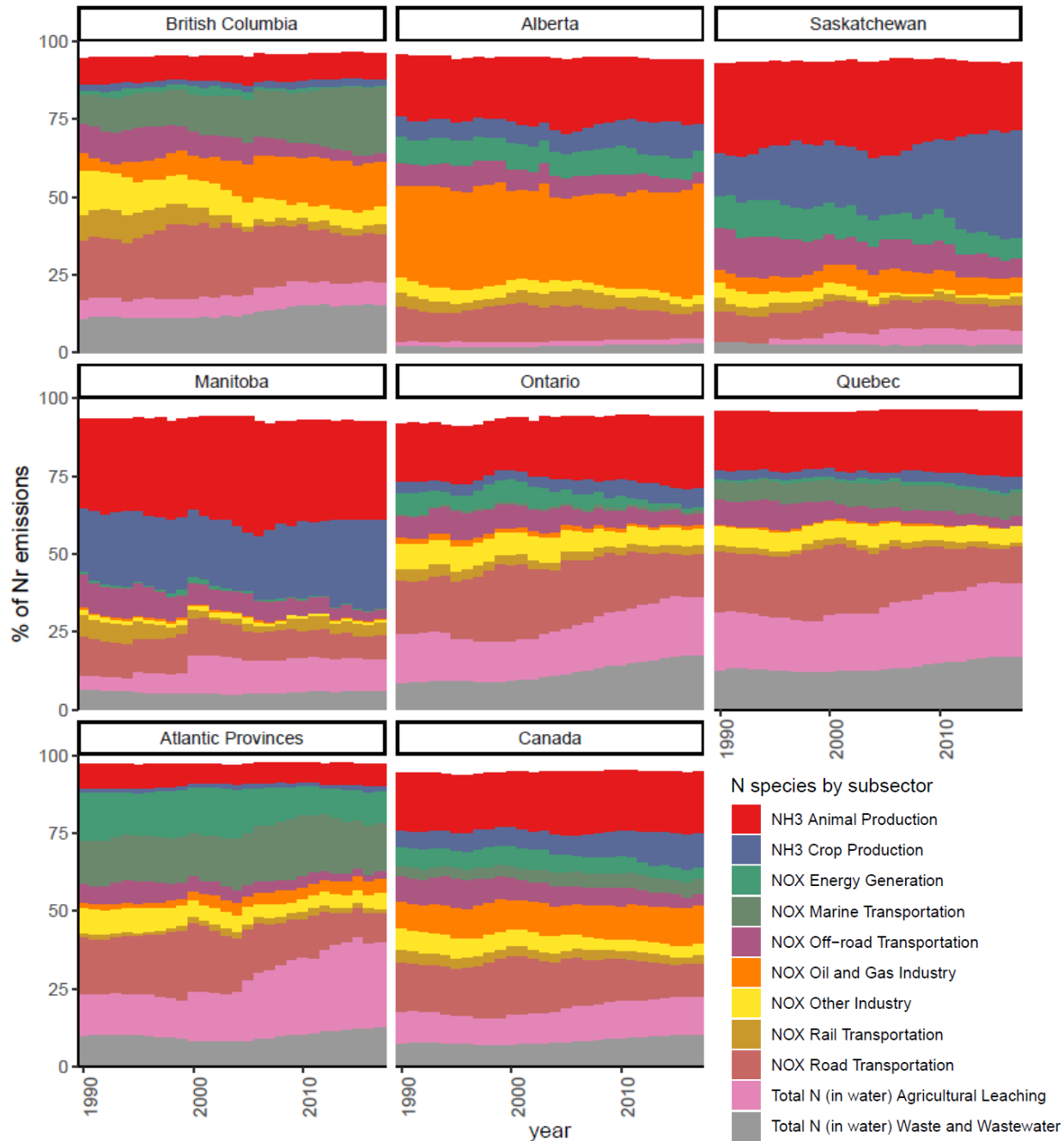


Heterogeneity in provincial total emissions, trends



N species NH₃ NO_x N₂O Total N (in water)

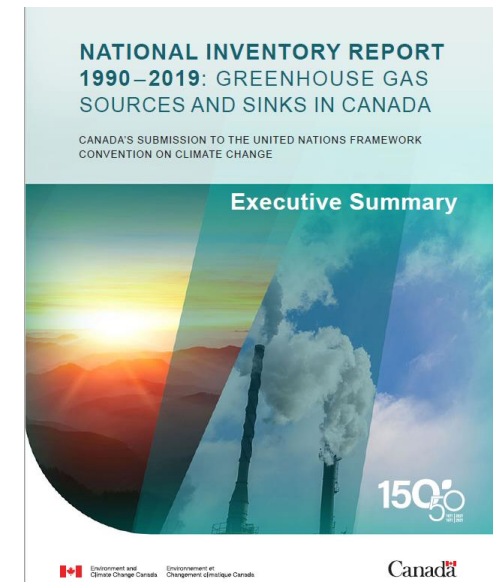
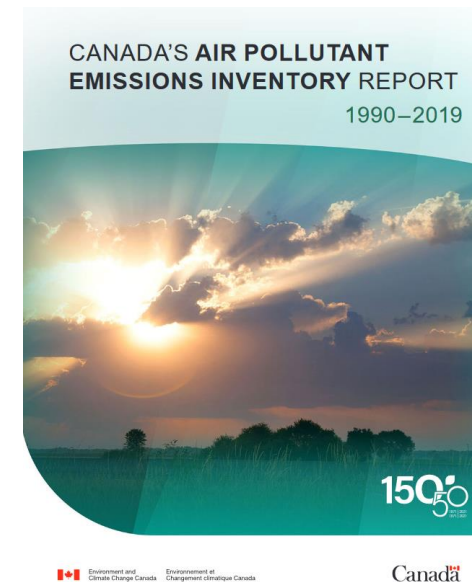
Primary sources of Nr emissions by province and year



Comprehensive subnational Nr accounting allows for assessment of “big picture” trends

Currently Canadian nitrogen policy is fragmented

Federal and provincial policies need to match geographic heterogeneity



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