

Peatlands of Canada database / C. Tarnocai [and others]

Natural Resources Canada - Geology of Canadian Wetlands.



Description: -

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Collective farms -- Belarus -- Officials and employees -- Biography.
Peat - CanadaPeatlands of Canada database / C. Tarnocai [and others]

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Canada. Geological Survey. Open file 4002Peatlands of Canada
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Notes: 11

This edition was published in -



Filesize: 9.93 MB

Tags: #Peat

Update on Canada's Contribution to the Global Soil Organic Carbon Map

Peatlands may also develop out of lakes. It is possible the poor fens, which were under-represented in our analysis, may have been biased towards open systems which are weaker sinks.

Potential carbon loss associated with peat

According to the Tarnocai database, southern Ontario has a total organic carbon content of 0. The physiography of this region varies from rugged mountains to well-worn-down hills and lowlands. Fens were less accurately identified, often being classified as bog.

Spatially

Other anthropogenic disturbances related to land-use change such as deforestation may have also resulted in a release of terrestrial carbon to the atmosphere e. The regression tree identified temperature-related factors isothermality, mean temperature of warmest quarter along with start date of growing season as key to explaining variation in NEE Fig. Annual integration is also presented using a constant daily emission of CO₂ and CH₄ for the non-growing season, acknowledging there is incomplete knowledge and high uncertainty regarding winter emissions.

Pubs.GISS: Treat et al. 2019: Widespread global peatland establishment and persistence over the last 130,000 y

Wetland technology as a passive, above ground alternative to conventional wastewater treatment and water quality improvement system is gaining much attention. There is discussion of some of the engineering and environmental applications of wetland geology. The once and future Great Lakes country: an ecological history.

Potential carbon loss associated with peat

Based on the averages of compiled seasonal values and seasonal estimates predicted from daily values, we estimate average seasonal CO₂ uptake across all studies at 171.

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