

BOREAS TGB-06 SOIL METHANE OXIDATION AND PRODUCTION FROM NSA BP AND FEN SITES

Summary:

The BOREAS TGB-06 team collected soil methane measurements at several sites in the SSA and NSA. This data set contains soil methane consumption (bacterial CH₄ oxidation) and associated ¹³C fractionation effects in samples that were collected at various sites in 1994 and 1996 from enclosures (chambers). Methane ¹³C data in soil gas samples from the NSA YJP and OJP sites for 1994 and 1996 are also given. Additional data on the isotopic composition of methane (carbon and hydrogen isotopes) produced in the NSA beaver ponds and fen bog in 1993 and 1994 are given as well.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/boreas/TGB/tgb6chrc/comp/TGB06_CH4_CONC.txt.

ORNL DAAC maintains information on the entire [BOREAS Project](#).

Data Citation

Cite this data set as follows:

Deck, B. 1998. BOREAS TGB-06 Soil Methane Oxidation and Production from NSA BP and Fen Sites. Data set. Available on-line [<http://www.daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A.
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Data Format:

For information on Parameter/Variable Names, Variable Description/Definition, Units of Measurement, and Data File Format see this companion file

<http://daac.ornl.gov/boreas/TGB/tgb6chrc/comp/tgb6chrc.def>

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