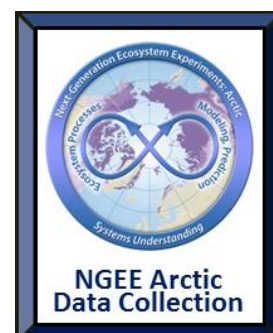


Effect of soil property uncertainties on permafrost thaw projections: a calibration-constrained analysis: Modeling Archive



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Please use this citation to reference the data.

D.R. Harp, A.L. Atchley, S.L. Painter, E.T. Coon, C.J. Wilson, V.E. Romanovsky, and J.C. Rowland. Effect of soil property uncertainties on permafrost thaw projections: a calibration-constrained analysis: Model Archive. 2016. Next Generation Ecosystem Experiments Arctic Data Collection, Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tennessee, USA. Data set accessed at <http://dx.doi.org/10.5440/1236647>

Data Dictionary

Data File:

NGEE_Thermo_Hydro_Soil_Parameters_Barrow_Environmental_Observatory_Alaska_2014.csv

column_name	units/format	Description
index		unique identifier for each row
porpeat		porosity of peat layer
pormin		porosity of mineral soil layer
ressatpeat		residual saturation of peat layer
ressatmin		residual saturation of mineral soil later
thermkpeat	watt per meter Kelvin	thermal conductivity of peat layer
thermkmin	watt per meter Kelvin	thermal conductivity of mineral soil layer
thapeatfr		frozen peat thermal conductivity shape parameter
thapeatun		unfrozen peat thermal conductivity shape parameter
thaminfr		frozen mineral thermal conductivity shape parameter
thaminun		unfrozen mineral thermal conductivity shape parameter

Data Access:

Example: This data set is available through the Oak Ridge National Laboratory (ORNL) Distributed Active Archive Center (DAAC).

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Data Center Contact:

support@ngea-arctic.ornl.gov