

	<p>stand/nonwoodylitter Nonwoody litter (leaves + fineroots)</p> <p>stand/nonwoody_lresid Nonwoody litter from logging residue</p> <p>stand/non_woody_litter_mort Nonwoody litter from dead trees</p> <p>stand/woody_litter Woody litter (leaves + fineroots)</p> <p>stand/woody_lresid Woody litter from logging residue</p> <p>stand/woody_litter_mort Woody litter from dead trees</p> <p><u>Ecosystem carbon (C)</u> [kg/ha/yr]:</p> <p>balance/C/stand_litter_in C in stand litterfall</p> <p>balance/C/gv_litter_in C in ground vegetation (gv) litterfall</p> <p>balance/C/stand_change Change in C storage of biomass</p> <p>balance/C/gv_change Change in C storage of gv</p> <p><u>Carbon outflows</u> [kg/ha/yr] (mass of C):</p> <p>balance/C/co2c_release CO₂ emission from mor humus and peat</p> <p>balance/C/ch4c_release CH₄ emission from peat</p> <p>balance/C/LMWdoc_to_water Low-molecular-weight (LMW) dissolved organic carbon (DOC) transport to ditches</p> <p>balance/C/LMWdoc_to_atm LMW DOC biodegraded to atmosphere</p> <p>balance/C/HMW_to_water High-molecular-weight (HMW) DOC transport to ditches</p> <p>balance/C/HMW_to_atm HMW DOC biodegraded to atmosphere</p> <p><u>Carbon balance</u> [kg/ha/yr] (mass of C):</p> <p>balance/C/stand_c_balance_c Ecosystem carbon balance</p> <p>balance/C/soil_c_balance_c Soil carbon balance</p> <p><u>Greenhouse gas (GHG) balance</u> in CO₂-equivalents [kg/ha/yr]:</p> <p>balance/C/stand_c_balance_co2eq Ecosystem GHG balance</p> <p>balance/C/soil_c_balance_co2eq Soil GHG balance</p> <p><u>Nutrient export</u> [kg/ha/yr]:</p> <p>balance/N/to_water Nitrogen export to ditches</p> <p>balance/P/to_water Phosphorus export to ditches</p>	
<i>Author keywords</i>	Peatland simulator SUSI, ditch depth, forest planning, tree growth, greenhouse gas emissions, nutrient leaching, trade-offs	Author
<i>Vocabulary keywords (community standard)</i>		Author
<i>Discipline</i>		Archive/Repository/Publisher
<i>Type of material</i>	Research data, model code, simulation outputs.	Author
<i>Language</i>	eng	Author
<i>Time range covered</i>	2004-01-01 – 2023-12-31	Author
<i>Geographic region</i>	FIN	Author
<i>Version</i>		Author
<i>File format(s)</i>	.csv, .py, .nc	Author
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<i>Justification for access restrictions</i>		Author
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<i>Connections with other research materials</i>	Forest data are derived from the database of the Finnish Forest Centre and the NFI Computing Service of the Natural Resources of Finland. Weather data are derived from the open database of Finnish Meteorological Institute.	Author
<i>Access to the connected research materials</i>	The inventory plots of Finnish Forest Centre are available here: https://www.metsakeskus.fi/fi/avoim-metsa-ja-luontotieto/aineistot-paikkatieto-ohjelmille/paikkatietoaineistot (OGC GeoPackage 1.2). The NFI Computing Service, produced by the National Resources Institute Finland (https://ror.org/02hb7bm88), is available here: https://vmilapa.luke.fi/ . Open data from the Finnish Meteorological Institute (https://ror.org/05hppb561) is available here: https://en.ilmatieteenlaitos.fi/open-data .	Author
<i>Codes only: hardware/software requirements for running the code</i>	There are no special hardware requirements for running the code. The code works with at least Python 3.10 version.	Author
<i>Connections to other products of research</i>		Author
<i>Personal data</i>		Author
<i>Confidential or secret data</i>		Author
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