# Metadata form of Silva Fennica

This form is designed for writing the elements of metadata, which are used in the description of research materials such as data and codes. The form is based on the work done in the Work Group "Description of research materials" under the Finnish Open Science Coordination.

| Item | Description | Responsible |
|---|---|---|
| *Name of the data / code* | Lumes Data 2021.xlsx DOI 10.5281/zenodo.14526484. | Author |
| *Author & ORCID* | Kumpu Atte | Author |
| *Authors' affiliation(s)* | University of Helsinki https://ror.org/040af2s02 | Author |
| *Owner of the material* | Kumpu Atte | Author |
| *Publisher* | Zenodo | Author |
| *Funder* | Academy of Finland https://ror.org/05k73zm37 grant for C-NEUT project (grant nr 347863); European Commission https://ror.org/00k4n6c32 from the RESONATE EU Horizon project (101000574); INAR RI Project Academy of Finland https://ror.org/05k73zm37 (grant nr 345532); Suomen Metsätieteellinen Seura (20230006); The FEO project SYKE https://ror.org/013nat269 (VN/5082/2020) | Author |
| *Description* | Core sample data from unmanaged forests. Carbon and nitrogen measurements. | Author |
| *Methods* | Collected with a soil corer (T-corer), dried at +40 C and weighted. Analysed with a Leco 828-Series Combustion analyser. | Author |
| *Variables* | Site=Plot name; Number=Sample number; Part=Soil layer; Full=Full dry sample+tray (g); Tray= Weight of tray (g); U20mmw=Sieved sample+tray (g); FS=Full sample no tray (g); SS=Sieved sample no tray (g); Dif=Portion of coarse fragment over 2 mm Ø (g); Depth=Sample length (cm); Volume=Sample volume (cm³); Bulk density FS=Sample density (g/ cm³) ; Analysis Date=Date of the analysis (Month, day, year); Carbon= Carbon content (%); Nitrogen=Nitrogen content (%) | Author |
| *Author keywords* | Soil carbon; Soil nitrogen | Author |
| *Vocabulary keywords (community standard)* | n/a | Author |
| *Discipline* | | Archive/Repository/Publisher |
| *Type of material* | Excel spreadsheet | Author |
| *Language* | FIN | Author |
| *Time range covered* | 2021-07-05 to 2021-10-07 | Author |
| *Geographic region* | Southern and Eastern Finland | Author |
| *Version* | 1 | Author |
| *File format(s)* | .xlsx | Author |
| *Availability of the materials (open, embargo, registration, limited, registration required)* | Open | Author |
| *Justification for access restrictions* | Open | Author |
| *Licence* | n/a | Author |
| *Connections with other research materials* | BioSoil database, old Lumes-data | Author |

| | | |
|---|---|---|
| *Access to the connected research materials* | Contact Natural Resources Institute Finland (LUKE) https://ror.org/02hb7bm88 | Author |
| *Codes only: hardware/software requirements for running the code* | n/a | Author |
| *Connections to other products of research* | No | Author |
| *Personal data* | No | Author |
| *Confidential or secret data* | No | Author |
| *Publication date* | December 19, 2024 | Archive/Repository/Publisher |
| *Preservation policy* | | Author |
| *Permanent identifier (PID)* | | Archive/Repository/Publisher |