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	NFI10, NFI11, NFI12 and NFI13 plot data	Author
Author & ORCID	[1]Helena Haakana, orcid.org/0000-0002-4830-800X [2]Juho Matala, orcid.org/0000-0002-5867-5057 [3]Saija Huuskonen, orcid.org/0000-0001-8630-3982 [2]Kari T. Korhonen, orcid.org/0000-0002-6198-853X [4]Ari Nikula, orcid.org/0000-0001-8372-8440 [1]Minna Räty, orcid.org/0000-0001-9898-8712	Author
Authors' affiliation(s)	[1] Natural Resources Institute Finland (Luke), P.O. Box 2, FI-00791 Helsinki, Finland [2] Natural Resources Institute Finland (Luke), Yliopistokatu 6, FI-80100 Joensuu, Finland [3] Metsähallitus, Forestry Ltd. P.O. Box 80, FI-00521 Helsinki, Finland [4] Natural Resources Institute Finland (Luke), Ounasjoentie 6, FI-96200 Rovaniemi, Finland	Author
Owner of the material	Luke, https://ror.org/02hb7bm88	Author
Publisher	Luke, https://ror.org/02hb7bm88	Author
Funder	Luke, https://ror.org/02hb7bm88	Author
Description	The NFI plot data are field data that Luke collects to fulfil its statutory service of monitoring forests.	Author
Methods	Area estimation was based on the number of sample plot centers on land and in the domain of interest (e.g., land use class, development class). The area represented by a single plot was first calculated by sampling region and by NFI round, using the land areas published by the National Land Survey of Finland in the time of each NFI.	Author
Variables	forest area; damage symptoms, causal agent, age of damage, and damage severity; development class, dominant tree species; number of seedlings, mean height, mean diameter, increment of mean height;	Author
Author keywords	national forest inventory	Author
Vocabulary keywords (community standard)	forest resources, growing stock, forest damage	Author
Discipline	Forestry	Archive/Repository/Publisher
Type of material	Research data	Author
Language	FIN	Author
Time range covered	2004-01-01 – 2023-12-31	Author
Geographic region	Finland	Author
Version		Author
File format(s)	.txt	Author
Availability of the materials (open, embargo, registration, limited, registration required)	Limited access. Data are available for scientific purposes with specific agreement with Luke.	Author

Justification for access restrictions	Protection of the monitoring system, forest owners' privacy.	Author
Licence		Author
Connections with other research materials		Author
Access to the connected research materials	Luke, https://ror.org/02hb7bm88, must be contacted to access the data	Author
Codes only: hardware/software requirements for running the code	software used for analyses: SAS Enterprise Guide © 2019-2025, SAS Institute Inc., Cary, NC, USA. software used in visualization: RStudio © 2009-2026 Posit Software, PBC (RStudio)	Author
Connections to other products of research		Author
Personal data		Author
Confidential or secret data		Author
Publication date		Archive/Repository/Publisher
Preservation policy		Author
Permanent identifier (PID)		Archive/Repository/Publisher