National Forest Inventory



A systematic sample-based survey of the Norwegian forest, providing vital resource and environmental data for the whole country. It records information about growing stock and annual increment, and operating and environmental conditions.

The National Forest Inventory (NFI) started in 1919, triggered by concern and uncertainty about the conditions of the forests.

The scheme is based on a network of permanent sample plots, distributed in a grid across all of Norway – on both forested and unforested land. The plots are re-measured on a five-year rotation. On plots located on forest land or other land types with tree cover, all trees growing within a 250 m² plot are measured with their coordinates included, thus enabling time-series to be established at the tree level. In addition to stand volume, increment and tree species, a range of parameters are measured to provide information about e.g. site productivity, stand structure, forest health, forest

operation conditions, and biological diversity.

The data serves as an important basis for national forest policy development and are used by both Governmental bodies and other public administration, as well as by the forest industry, research and teaching purposes, and national and international reporting. Also, development and testing of remote sensing applications is an important field of research within the NFI. The content of the inventory is regularly updated to meet new demands from the society.

DETALII

SURSA DE LEMN

--

TIPUL DE LEMN

--

TIPUL DE LEMN îN CAUZă

--

IMPACTUL ASUPRA MEDIULUI șI BIODIVERSITățII

--

EFECT ASUPRA VENITURILOR

--

POTENțIAL DE EXPLOATARE

--

HUB

Hub-ul de Nord

IMPACT ECONOMIC

--

CUNOșTINțE SPECIFICE NECESARE

--

POTENțIALUL DE MOBILIZARE

--

POTENțIAL DE SUSTENABILITATE - VALOARE

--

FACILITATEA DE IMPLEMENTARE

--

FACILITATEA DE IMPLEMENTARE - EVALUARE

--

CONDIțII CHEIE PREALABILE

--

TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

--

EFECT ASUPRA LOCURILOR DE MUNCă

--

COSTURI PENTRU IMPLEMENTARE (EURO - €)

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MAI MULTE DETALII

PROVOCARE ABORDATă

3. Activarea proprietarilor privați și a cooperativelor de gestionare a pădurilor

DOMAIN

Inventariere, evaluare, monitorizare

TIP DE SOLUțIE

Modelare, DSS, simulare, optimizare

CUVINTE CHEIE

Forest inventory; resources; development

SOLUțIE DIGITALă

Nu

INOVAțIE

Nu

ȚARA DE ORIGINE

Norvegia

SCARA DE APLICARE

Național

ANUL DE îNCEPUT șI DE SFâRșIT

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DATE DE CONTACT

PROPRIETAR SAU AUTOR

Norwegian Institute of Bioeconomy Research (Nibio)

Aksel Granhus

aksel.granhus@nibio.no

https://www.nibio.no/en/subjects/forest/national-forest-inventory

REPORTER

Tretorget Ltd

Ola Rostad

ola@tretorget.no

REFERENCES AND RESOURCES

PAGINă WEB

https://www.nibio.no/en/subjects/forest/national-forest-inventory

WEBSITE PROJECT

https://www.nibio.no/en/about-eng/our-divisions/division-of-forestry-and-forest-resources/national-forest-inventory

REFERINță PROIECT

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RESURSE

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PROIECTUL îN CADRUL CăRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

Rosewood 4.0

DATA POSTăRII

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Link to Rosewood 4.0

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