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.

DETAILS

HERKUNFT DES HOLZES

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ART DES HOLZES

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ART DES BETROFFENEN HOLZES

--

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT

--

EINKOMMENSEFFEKT

--

VERWERTUNGSPOTENZIAL

--

NABE

Nördliches Drehkreuz

WIRTSCHAFTLICHE AUSWIRKUNGEN

--

SPEZIFISCHES WISSEN ERFORDERLICH

--

MOBILISIERUNGSPOTENZIAL

--

POTENZIAL FüR NACHHALTIGKEIT - WERT

--

LEICHTE IMPLEMENTIERUNG

--

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

--

WICHTIGE VORAUSSETZUNGEN

--

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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ARBEITSPLATZEFFEKT

--

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

3. Aktivierung von Privateigentümern und kooperativer Waldbewirtschaftung

DOMäNE

Bestandsaufnahme, Bewertung, Überwachung

ART DER LöSUNG

Modellierung, DSS, Simulation, Optimierung

SCHLüSSELWöRTER

Forest inventory; resources; development

DIGITALE LöSUNG

Nein

INNOVATION

Nein

HERKUNFTSLAND

Norwegen

UMFANG DER ANWENDUNG

National

ANFANGS- UND ENDJAHR

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

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REFERENCES AND RESOURCES

HAUPT-WEBSITE

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

PROJEKT-WEBSITE

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

PROJEKT-REFERENZ

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RESSOURCEN

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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

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