

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.

DETALLES

ORIGEN DE LA MADERA

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TIPO DE MADERA

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TIPO DE MADERA AFECTADA

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IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

--

EFFECTO SOBRE LOS INGRESOS

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POTENCIAL DE EXPLOTACIÓN

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HUB

Eje Norte

IMPACTO ECONÓMICO

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CONOCIMIENTOS ESPECÍFICOS NECESARIOS

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POTENCIAL DE MOVILIZACIÓN

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POTENCIAL DE SOSTENIBILIDAD - VALOR

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FACILIDAD DE APLICACIÓN

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FACILIDAD DE IMPLEMENTACIÓN - EVALUACIÓN

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PREREQUISITOS CLAVE

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TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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EFFECTO SOBRE EL EMPLEO

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COSTES DE IMPLEMENTACIÓN (EURO - €)

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MÁS DETALLES

RETO ABORDADO	DOMINIO	TIPO DE SOLUCIÓN
3. Activar a los propietarios privados y la gestión forestal cooperativa	Inventario, evaluación, seguimiento	Modelización, DSS, simulación, optimización
PALABRAS CLAVE	SOLUCIÓN DIGITAL	INNOVACIÓN
Forest inventory; resources; development	No	No
PAÍS DE ORIGEN	ESCALA DE APLICACIÓN	AÑO DE INICIO Y FIN
Noruega	Nacional	--

DATOS DE CONTACTO

PROPIETARIO O AUTOR	REPORTADOR
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https://www.nibio.no/en/subjects/forest/national-forest-inventory	

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL	RECURSOS
https://www.nibio.no/en/subjects/forest/national-forest-inventory	--
SITIO WEB DEL PROYECTO	
https://www.nibio.no/en/about-eng/our-divisions/division-of-forestry-and-forest-resources/national-forest-inventory	
REFERENCIA DEL PROYECTO	
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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

