Public Forest Information North-Rhine



Interactive forest map for NRW with information on the type, condition, functions and use of the forest, and many aspects on climate change and adaptation.

The internet portal provides insights into many aspects of North Rhine-Westphalia's forests via interactive, user-friendly maps. Forest ecology and management, forest nature conservation, recreational use, damage events, hazard prevention and other topics can be selected to search for specific information. How does climate change affect individual forest sites and which climate adaptation measures are suitable to preserve the functions of the forest as far as possible? The service provides comprehensive information on forest types, functions, management, and use, as well as climate change impacts on forest management. Climate adaptation measures are recommended to make forests more adaptable and resilient, including recommendation of appropriate tree species and mixed stands for different soil and climate conditions. As a comprehensive forest information system for the timber and forestry sector, the portal is aimed in particular at private forest owners and forest-owning municipalities and supports a wide range of evaluations and forestry planning. It is part of the climate adaptation strategy for forests in NRW and integrates databases of the state enterprise Wald und Holz NRW, the State Agency for Nature, Environment and Consumer Protection and the NRW Geological Survey. Relevant climate variables such as soil atmosphere (air temperature, precipitation); land surface (photosynthetic activity, land cover, biomass, forest fire, soil moisture) are integrated.

DETAILS

ORIGIN OF WOOD

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TYPE OF WOOD

--

KIND OF WOOD CONCERNED

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IMPACT ON ENVIRONMENT & BIODIVERSITY

High impact, the portal Forestinfo.NRW is part of a bundle of policy measures (climate adaptation strategy forest, silviculture concept, reforestation concept)

INCOME EFFECT

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EXPLOITATION POTENTIAL

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HUB

--

ECONOMIC IMPACT

--

SPECIFIC KNOWLEDGE NEEDED

MOBILIZATION POTENTIAL

--

SUSTAINABILITY POTENTIAL - VALUE

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EASE OF IMPLEMENTATION

public, free to use, intuitive and user-firendly

EASE OF IMPLEMENTATION - EVALUATION

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KEY PREREQUISITES

--

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

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JOB EFFECT

--

COSTS OF IMPLEMENTATION (EURO - €)

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MORE DETAILS

CHALLENGE ADDRESSED

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DOMAIN

Forest management, ecosystem, resilience

TYPE OF SOLUTION

Data platforms, data hubs

KEYWORDS

forest development types; forest map; climate forest; public knowledge portal

DIGITAL SOLUTION

Yes

INNOVATION

Yes

COUNTRY OF ORIGIN

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SCALE OF APPLICATION

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START AND END YEAR

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CONTACT DATA

OWNER OR AUTHOR

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REPORTER

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REFERENCES AND RESOURCES

MAIN WEBSITE

https://www.waldinfo.nrw.de/index.html

PROJECT WEBSITE

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PROJECT REFERENCE

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RESOURCES

Waldinfo NRW

Forest management

Forest management in climate change

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

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