Waldinfo.NRW | Forest information system of NRW, Germany



Information platform on forests in NRW incl. interactive digital maps on forest cover, ecology, geology, types of use and calamities.

The internet portal Waldinfo.NRW offers comprehensive public information on the forests in North Rhine-Westphalia, their diverse functions and sustainable management. This primarily includes digital maps on various aspects of forests, forest management and the use of forests by the public. The topics covered by the various maps range from forest cover and forest ecology, forest management and forest nature conservation to recreational use, danger prevention and forest administration. The information provided is intended in particular to support forest owners in the adaptation of forest management to climate change. This also includes forest regeneration on the current large damaged areas. The selection of maps and the design of the user interface provide user-friendly access to the specialist information. The portal also refers to selected important specialist publications of the State Forestry Administration and further websites of the State Administration. The internet portal Waldinfo.NRW is an important component of the NRW Forest Information System and the NRW Forest Climate Adaptation Strategy. The digital offer of public forest information also corresponds to the Open Data process in North Rhine-Westphalia (Open.NRW).

DETALHES

ORIGEM DA MADEIRA

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TIPO DE MADEIRA

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TIPO DE MADEIRA EM CAUSA

All types of wood

IMPACTE NO AMBIENTE E BIODIVERSIDADE

The included map-based information on soil conditions, meteorological data, climate scenarios have been interlinked with the Reforestation Concept and the Forest Management Concept of the state NRW. Increasing biodiversity and forest resilience by introducing mixed, multi-cohort forest stands is at the core of these concepts which are based on specific, locally site-adapted "forest development types". The platform is public, available also on mobile devices and user friendly. The usability is constantly tested and improved.

IMPACTE NAS RECEITAS

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POTENCIAL DE MOBILIZAçãO

High, through public, user-friendly, easily accessible information about the site conditions of forest areas in NRW. For forest owners or forestry contractors, fact-based forest management or planning of harvesting operations are supported.

SUSTENTABILIDADE POTENCIAL - VALOR

Muito positivo

FACILIDADE DE IMPLEMENTAçãO

The difficulty lies in the (public) availability of the different databases and the cooperation of the services behind them.

FACILIDADE DE IMPLEMENTAçãO

Médio

PRE-REQUISITOS CHAVE

The platform is based on the Open Data NRW strategy and draws significantly on the broad availability of geological data provided by the Geological Service North-Rhine Westphalia. The promotion of geoinformation data and their public availability in NRW has a longstanding tradition. In addition, the

collboration of these public stakeholders (IT NRW, Geological Service NRW, State Enterprise Forest and Timber NRW) has been actively developed over many years.

POTENCIAL DE EXPLORAçãO

Cost-free public service

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

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HUB

Centro-Oeste do Hub

IMPACTE NO EMPREGO

--

IMPACTE ECONOMICO

--

CUSTOS DE IMPLEMENTAçãO (EURO - EUR)

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CONHECIMENTOS ESPECIFICOS NECESSáRIOS

Integration of geoinformation, geological and meteorological services, forest management & development, ecology

MAIS DETALHES

DESAFIO ABORDADO

1. Melhorar a resiliência e adaptação das florestas às alterações climáticas

DOMíNIO

Inventário, avaliação e monitorização

TIPO DE SOLUçãO

Plataformas de dados, centros de dados, partilha de dados

PALAVRAS-CHAVE

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SOLUçãO DIGITAL

Sim

INOVAçãO

Sim

PAíS DE ORIGEM

Alemanha

ESCALA DE APLICAçãO

Regional/ sub-nacional

ANO DE INíCIO E FIM

--

DADOS DE CONTACTO

PROPRIETáRIO OU AUTOR

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REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

https://www.waldinfo.nrw.de

WEBSITE DO PROJETO

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REFERêNCIA AO PROJETO

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RECURSOS

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LOGOTIPO DA BOA PRáTICA

LOGOTIPO DA ORGANIZAçãO PRINCIPAL

Ministerium für Umwelt, Landwirtschaft, Natur- und Verbraucherschutz des Landes Nordrhein-Westfalen

PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

31 Out 2021

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León