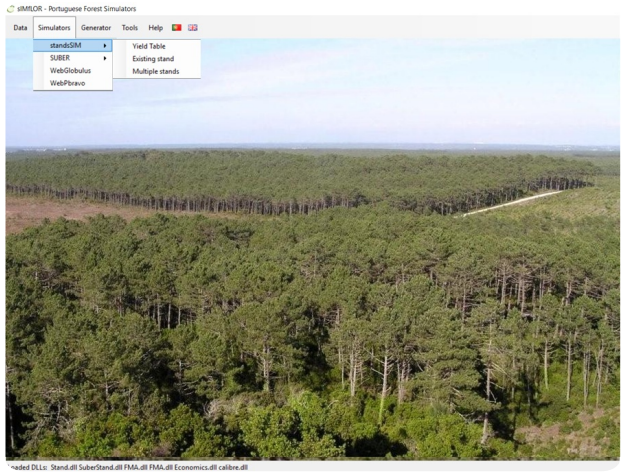
sIMfLOR | Platform for the Portuguese forest simulators



Forest growth simulators are essential tools for assisting forest management decision making. sIMfLOR was developed to integrate forest growth simulations for the main tree species in Portugal under the same interface where input files and outputs present the same structure regardless of the species.

sIMfLOR is a platform that integrates several simulators developed for the main portuguese forests species. The platform aims to encourage users from research fields, managers and forest owners to make use of the forest growth and yield models available for the Portuguese tree species in a user-friendly way. Different stand and regional level simulators have been integrated in a common environment alongside with other tools. The platform has been developed and continuosly improved over the years under the scope of several EU projects. The platform combines several simulators integrating growth models for the most relevant tree species in Portugal: eucalypt, maritime and umbrella pines, cork and holm oaks. Within sIMfLOR, simulators are grouped under stand level simulators (SUBER, WEBPBRAVO, WEGLOBULUS) and wide-range simulators (StandsSIM) that cover simulations from stand to regional level. sIMfLOR platfrom can be freely downloaded from the FCTools website after registering. This will enable the use of SUBER and the management driven StandsSIM (StandsSIM.md), both these tools allow simulating new plantations, an existing single stand and multiple stands. The scenario driven version of StandsSIM (StandsSIM.sd, former SIMPLOT) is only made available upon request. Over the years, several training workshops have been organized with attendees from researchers to private owners and forest owners associations. Forestry master students from ISA are also trained to use the tool.

WIęCEJ INFORMACJI

WYZWANIE

4. Zapewnienie odpowiednio wykształconych kadr poprzez atrakcyjną ścieżkę rozwoju umiejętności i edukację

DOMENA

Zarządzanie lasem, gospodarka leśna, usługi ekosystemowe, odporność

Edukacja i szkolenia

RODZAJ ROZWIąZANIA

Modelowanie, systemy wspomagania decyzji, symulacja, optymalizacja

SłOWA KLUCZOWE

Growth models; forest simulators; DSS; forest management; training

ROZWIąZANIE CYFROWE

Tak

INNOWACJA

Tak

KRAJ POCHODZENIA

Portugalia

SKALA APLIKACJI

Regionalny

ROK ROZPOCZęCIA I ZAKOńCZENIA

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http://www.isa.ulisboa.pt/cef/forchange/fctools/pt/PlataformasIMfLOR_

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ŹRóDłA I MATERIAłY

STRONA INTERNETOWA

http://www.isa.ulisboa.pt/cef/forchange/fctools/pt/PlataformasIMfLOR_

ZASOBY

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STRONA INTERNETOWA PROJEKTU

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PROJEKT

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LOGO DOBREJ PRAKTYKI

LOGO ORGANIZACJI



PROJEKT, W RAMACH KTóREGO STWORZONA ZOSTAłA NINIEJSZA FISZKA

Rosewood 4.0

DATA PUBLIKACJI

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

