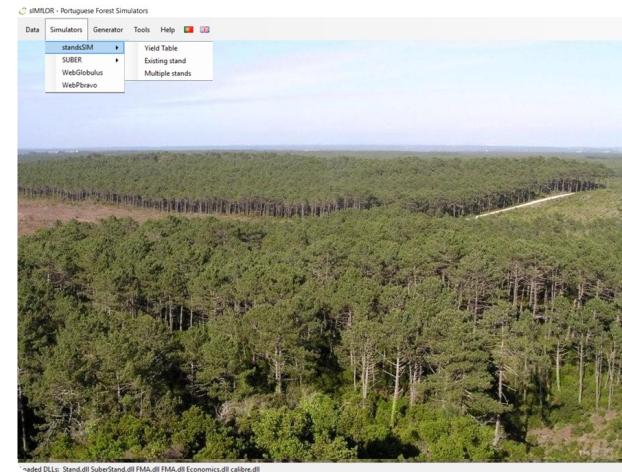


sIMfLOR | Platform for the Portuguese forest simulators



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 forest 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 continuously 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 platform 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.

MAIS DETALHES

DESAFIO ABORDADO	DOMÍNIO	TIPO DE SOLUÇÃO
4. Assegurar uma mão-de-obra bem treinada através do desenvolvimento atractivo de competências e educação	Gestão florestal, silvicultura, serviços do ecossistema, resiliencia Educação e formação	Modelação, sistemas de apoio à decisão, simulação, optimização
PALAVRAS-CHAVE	SOLUÇÃO DIGITAL	INOVAÇÃO
Growth models; forest simulators; DSS; forest management; training	Sim	Sim
PAÍS DE ORIGEM	ESCALA DE APLICAÇÃO	ANO DE INÍCIO E FIM
Portugal	Regional/ sub-nacional	--

DADOS DE CONTACTO

PROPRIETÁRIO OU AUTOR

Forchange/CEF - ISA/ULisboa

Margarida Tomé

magatome@isa.ulisboa.pt

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

REPÓRTER

Instituto Superior de Agronomia (ISA)

Susana Barreiro

smb@isa.ulisboa.pt

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

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

WEBSITE DO PROJETO

--

REFERÊNCIA AO PROJETO

--

RECURSOS

--

LOGOTIPO DA BOA PRÁTICA

LOGOTIPO DA ORGANIZAÇÃO PRINCIPAL



INSTITUTO SUPERIOR DE AGRONOMIA
Universidade de Lisboa



PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

28 Dez 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

