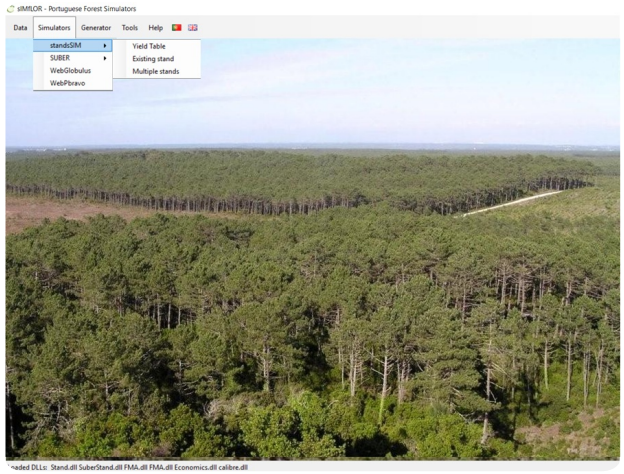
sIMfLOR | Platform for the Portuguese forest simulators



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.

MáS DETALLES

RETO ABORDADO

4. Garantizar una mano de obra bien formada a través de un desarrollo de competencias y una educación atractivos

DOMINIO

Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia

Educación y formación

TIPO DE SOLUCIóN

Modelización, DSS, simulación, optimización

PALABRAS CLAVE

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

SOLUCIóN DIGITAL

Sí

INNOVACIóN

Si

PAíS DE ORIGEN

Portugal

ESCALA DE APLICACIóN

Regional/sub-nacional

AñO DE INICIO Y FIN

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

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REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

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

RECURSOS

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SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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LOGO DE LA BUENA PRáCTICA

LOGOTIPO DE LA ORGANIZACIóN PRINCIPAL

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

28 Dic 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY