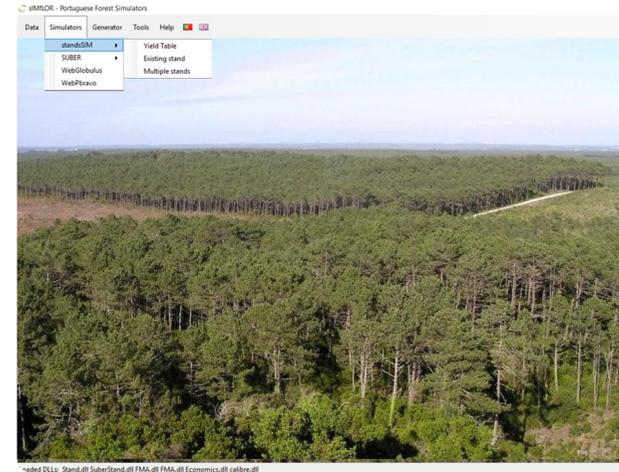


sIMfLOR | Platform for the Portuguese forest simulators



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.

Περισσότερες λεπτομέρειες

Πρόκληση η οποία αντιμετωπίζεται

4. Εξασφάλιση ενός καλά εκπαιδευμένου εργατικού δυναμικού μέσω ελκυστικής ανάπτυξης δεξιοτήτων και εκπαίδευσης
Λέξεις κλειδιά

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

Χώρα προέλευσης
Πορτογαλία

Όνομα χώρου

Διαχείριση δασών, δασοκομία, υπηρεσίες οικοσυστήματος, ανθεκτικότητα

Εκπαίδευση και κατάρτιση

Ψηφιακή λύση

ναι

Κλίμακα της εφαρμογής
Περιφερειακό

Τύπος λύσης

Μοντελοποίηση, συστήματα στήριξης αποφάσεων, προσομοίωση, βελτιστοποίηση

Καινοτομία

Ναι

Έτος έναρξης και λήξης
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Στοιχεία επικοινωνίας

Ιδιοκτήτης ή συγγραφέας

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

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REFERENCES AND RESOURCES

Κύριος ιστότοπος

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

Ιστότοπος έργου

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Αναφορά έργου

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Πηγές

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Έργο για το οποίο έχει δημιουργηθεί το παρόν φύλλο πληροφοριών
Rosewood 4.0

Ημερομηνία δημοσίευσης
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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

