National Research Council (CNR)
Institute for Agriculture and Forest
Systems in the Mediterranean

Dear User,

in this file you will find some useful info to get yourself oriented among the 3D-CMCC-FEM forest ecosystem model workflow. Firstly, we warmly suggest to take a deep five into your website https://www.forest-modelling-lab.com/. Check over the model's section and go through the list of papers (you can download them freely), to have an overview of the scientific works performed with the model and the projects where the model has a key role.

Then:

1. Get a deep look into the 3D-CMCC-FEM model's user guide and the theoretical book! https://www.forest-modelling-lab.com/download
2. From Forest Modelling Laboratory github repository, clone the 3D-CMCC-FEM branch v.5.6. Other versions are not in use anymore or under development.
3. In the repository MODEL_STARTUP you will find information and file examplars to help preparing the input files and navigate the output files.
4. For a first meet up with the code and play-around:
   To use directly the exe
        https://github.com/Forest-Modelling-Lab/R3DFEM
   (currently the Rpackage works with the version 5.6)

IMPORTANT: Code Versions:

• The 5p7 version (soil module and management module) is still under development and testing. Additionally, the package R3DFEM has not yet updated for the 5.7.
• For questions, please contact Daniela Dalmonech
  daniela.dalmonech@cnr.it

July 2025