

Course: Adaptive Management: Developing innovative alternatives for bioeconomy

Lesson: Silvicultural path design, analysis and benchmarking

Laboratory 9: Silvicultural path design

Felipe Bravo Oviedo Universidad de Valladolid, Spain

In this Lab we will learn how to:

• Design a silvicultural alternative

We'll use the knowledge acquired in the Lab number 6 about SIMANFOR.

The process is the following:

- 1. Access to SIMANFOR
- 2. Upload an adequate dataset
- 3. Generated 2 alternative datasets (see "SiManFor: User manual- Part II" that starts in page 13 of the document available at http://www.simanfor.es/Public/NotLoggedUsers/ManualUserMultilanguage.2.pdf for details)
- 4. Analyze the 2 alternative outcomes
- 5. Present a written report with the main results and your personal assessment.

To analyze the outcome, follow the procedures in this paper:

Bravo, F., Diaz-Balteiro, L. 2004 Evaluation of new silvicultural alternatives for Scots pine stands in northern Spain. Annals of Forest Science 61:163-169 doi: https://doi.org/10.1051/forest:2004008 Freely available at https://www.afs-journal.org/articles/forest/pdf/2004/02/F4208.pdf