GREEce: modeliNg of the FOREst SEctor EcoNomy



GREEN FORESEEN

Study the consumption of fuelwood by households in Greece and, by doing so, to lay down the foundations for the development of the first Greek Forest Sector Model (GFSM), which will be a partial-equilibrium model of the forest sector.

Design and carry out a
survey of the fuelwood market in Greece, as well as by
analysing national statistics on energy consumption. This will
give
insights on all aspects of fuelwood demand and supply and
will allow for the characterisation of the illegal logging
problem. It

will also assist in the development of the GFSM, as fuelwood constitutes over 65% of total timber production in the country. The ultimate goal of the GFSM will be to enhance forest management by simulating impacts of policy and market changes
on the sector. An intentional byproduct of the GFSM will be the generation of knowledge that can be utilised by other models, such as the EC's European Forest Information Scenario Model (EFISCEN).

MORE DETAILS

CHALLENGE ADDRESSED

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KEYWORDS

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COUNTRY OF ORIGIN

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DOMAIN

Forest disturbances, risks

DIGITAL SOLUTION

Yes

SCALE OF APPLICATION

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TYPE OF SOLUTION

Modelling, simulation, optimization

INNOVATION

Yes

START AND END YEAR

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

POST DATE

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY