

# ForestMap | Calculate your forest inventory online



*ForestMap is an e-commerce platform that allows users to make reliable and on-line forest inventories of a specific area in a rapid and simple way. It estimates all relevant variables included in a professional forest inventory through combination of pre-processed remote sensing data and powerful predictive models.*

ForestMap intuitive interface allows anyone to automatically generate forest inventories of a chosen area without the need of field work and unnecessary delays. ForestMap is an unprecedented solution that delivers accurate, quick and cost-effective forest inventory reports. It is necessary to integrate a maximum of information sources to generate the most accurate, complete and updated inventories possible: LiDAR, satellite, photogrammetry, available terrain data... Stakeholders in the forestry sector are not used to working with technological tools, so it is important to do important demonstration work and support.

ForestMap has a positive impact for a major mobilisation of wood resources allowing forest-owners, operators and industries to assess stands in an easy and remote way. ForestMap is able to provide valuable reports on demand. An operative version of the web platform ([link](#)) is working for 10 provinces in Spain, that covers more than 3 M ha. ForestMap models showed a high performance in terms of accuracy (volume BIAS< 20%) and response times being able to produce a full inventory of less than 500ha in minutes.

ForestMap has been used to produce tailor-made products for specific uses and clients, based on innovation projects:

- Tool for calculating ([link](#))the amount of carbon in forest masses in the province of Bizkaia (Basque Country, Spain).
- Inventory mapping of fuel models tool and for the prevention and management of forest fires in La Rioja

## DETALJI

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### PODRIJETLO DRVA

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### VRSTA DRVA

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### ODGOVARAJUĆA VRSTA DRVA

All kind of wood

### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive

### UČINAK NA PRIHOD

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### POTENCIJAL ISKORISTIVOSTI

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### SREDIŠTE

Jugozapadno čvorište

### GOSPODARSKI UČINAK

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### POTREBNA POSEBNA ZNANJA

Very high skills and knowledge in remote sensing, forestry and software development

### POTENCIJAL ZA POVEĆANJE UPORABE DRVA

Unknown

### POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

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### JEDNOSTAVNOST PROVEDBE

Easy, basic digital skills

### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

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### KLJUČNI PREDUVJETI

To know its existence

### VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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### UČINAK NA ZAPOŠLJIVOST

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### TROŠKOVI PROVEDBE (EURO - €)

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## VIŠE DETALJA

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<b>IZAZOV</b>	<b>DOMENA</b>	<b>VRSTA RJEŠENJA</b>
5. Unaprjeđenje učinkovitosti lanca opskrbe šumom na gospodarstvo i okoliš	Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost	Savjetodavni i uslužni alati za vlasnike šuma
<b>KLJUČNE RIJEČI</b>	<b>DIGITALNO RJEŠENJE</b>	<b>INOVACIJA</b>
Forest inventory; resources; development	Da	Da
<b>ZEMLJA PODRIJETLA</b>	<b>PODRUČJE PRIMJENE</b>	<b>POČETAK I KRAJ GODINE</b>
Španjolska	Nacionalna	2018 -

## KONTAKT PODATCI

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### VLASNIK ILI AUTOR

Agresta S. Coop.

David García

[dgarcia@agresta.org](mailto:dgarcia@agresta.org)

<https://agresta.org/>

### IZVJESTITELJ

## REFERENCES AND RESOURCES

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### GLAVNA WEB STRANICA

<https://forestmap.eu>

### WEB STRANICA PROJEKTA

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### REFERENCA PROJEKTA

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### IZVORI

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

27 stu 2019



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

