

To:
Editor-in-Chief of Annals of Forest Research
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Cover letter

Title of the manuscript: Above-ground biomass estimation in a Mediterranean sparse coppice oak forest using Sentinel-2 data

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Description of the paper: By its construction and based on the data, the paper reports on the possibility of accurately estimating the above ground biomass (ABG) for sparsely-covered oak coppice forests which are common in many Mediterranean regions.

Importance of the paper: The concept described by the paper is important for forest inventory, particularly in such conditions in which low-cost estimation tools are sought or when the accessibility of the forests is

poor, preventing ground-based estimations. Our findings indicate that Sentinel-2 data may be successfully used to estimate the AGB in combination with machine learning (ML) techniques such as the Artificial Neural Networks (ANN).

Data policy: not the case

Declaration of the authors

The authors declare that there is no conflict of interest regarding the publishing of the paper by the *Annals of Forest Research*, that the paper has been not published elsewhere, and not include any form of plagiarism. All the authors mentioned above have approved the manuscript and have agreed with the submission of the manuscript

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Sincerely yours,

Stelian Alexandru Borz
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