

Listă publicații

ARTICOLE

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26. **Dută, I.**, McRoberts, R. E., Næsset, E., & Blujdea, V. N. (2022). Accommodating heteroscedasticity in allometric biomass models. *Forest Ecology and Management*, 505, 119865.
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24. Blujdea, V. N., Sikkema, R., **Dută, I.**, & Nabuurs, G. J. (2021). Two large-scale forest scenario modelling approaches for reporting CO₂ removal: a comparison for the Romanian forests. *Carbon Balance and Management*, 16(1), 1-17.
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23. Osewe, E. O., & **Dută, I.** (2021). The Effects of Combining the Variables in Allometric Biomass Models on Biomass Estimates over Large Forest Areas: A European Beech Case Study. *Forests*, 12(10), 1428.
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20. Blennow, K., Persson, J., Gonçalves, L. M. S., Borys, A., **Dută, I.**, Hynynen, J., ... & Reyer, C. P. (2020). The role of beliefs, expectations and values in decision-making favoring climate change adaptation—implications for communications with European forest professionals. *Environmental Research Letters*, 15(11), 114061.
<https://iopscience.iop.org/article/10.1088/1748-9326/abc2fa/meta>
19. **Dută, I.**, Zianis, D., Petrițan, I. C., Bragă, C. I., Ștefan, G., Yuste, J. C., & Petrițan, A. M. (2020). Allometric Biomass Models for European Beech and Silver Fir: Testing Approaches to Minimize the Demand for Site-Specific Biomass Observations. *Forests*, 11(11), 1136.



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18. Persson, J., Blennow, K., Gonçalves, L., Borys, A., **Dută, I.**, Hyynnen, J., ... & Reyer, C. P. (2020). No polarization—expected values of climate change impacts among European forest professionals and scientists. *Sustainability*, 12(7), 2659.
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17. **Dută, I.** (2019). The variation driven by differences between species and between sites in allometric biomass models. *Forests*, 10(11), 976.
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13. **Dută, I.**, Mather, R., Blujdea, V. N., Ioraş, F., Olari, M., & Abrudan, I. V. (2018). Site-effects on biomass allometric models for early growth plantations of Norway spruce (*Picea abies* (L.) Karst.). *Biomass and Bioenergy*, 116, 8-17.
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12. **Dută, I.**, Stăncioiu, P. T., Abrudan, I. V., & Ioraş, F. (2018). Using clustered data to develop biomass allometric models: The consequences of ignoring the clustered data structure. *PLoS One*, 13(8), e0200123.
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8. **Dutcă, I.**, Negruțiu, F., Iorăș, F., Maher, K., Blujdea, V.N., Ciuvat, L.A. (2014). The Influence of Age, Location and Soil Conditions on the Allometry of Young Norway Spruce (*Picea abies* L. Karst.) Trees. Notulae Botanicae Horti Agrobotanici, 42(2), 579-582.
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2. Dutcă, I (2022) Modelare în Silvicultură. Suport de curs. Editura Universitatii Transilvania, pp 221.
1. Dutcă, I. (2011) Estimarea stocării carbonului în plantațiile tinere de molid instalate pe terenuri neforestiere din Carpații Orientali. Editura Universitatii Transilvania din Brasov, pp 121.

