

Development of a decision support tool integrating information from old-growth semi-natural forest for more comprehensive estimates of carbon balance, ERDF, No 1.1.1.1/19/A/130

Publication of project results

No.	Scientific articles	Status	Type	Notes
1.	Original scientific articles published in journals or conference articles the quoting index of which amounts to at least 50 per cent of the average quoting index in the area			Planned: 7
1.1.	Ķēniņa L., Zute D., Jaunslaviete I., Samariks V., Jansons Ā. Old-Growth Coniferous Stands on Fertile Drained Organic Soil: First Results of Tree Biomass and Deadwood Carbon Stocks in Hemiboreal Latvia. Forests 2022, 13,279. https://doi.org/10.3390/f13020279	Published	Journal article	1
1.2.	Ķēniņa L., Elferts D., Jaunslaviete I., Bāders E., Jansons Ā. (2022) Sustaining Carbon Storage: Lessons from Hemiboreal Old-Growth Coniferous and Deciduous Forest Stands. Forest Science, fxac055, https://doi.org/10.1093/forsci/fxac055	Published	Journal article	1
1.3.	Samariks, V.; Lazdiņš, A.; Bārdule, A.; Kalēja, S.; Butlers, A.; Spalva, G.; Jansons, Ā. Impact of Former Peat Extraction Field Afforestation on Soil Greenhouse Gas Emissions in Hemiboreal Region. Forests 2023, 14, 184. https://doi.org/10.3390/f14020184	Published	Journal article	1
1.4.	Samariks V., Ķēniņa L., Īstenais N. Köster K., Jansons Ā. (2023) Organic soil greenhouse gas emissions in old-growth Scots pine forests of hemiboreal Latvia. Ecosphere.	Submitted	Journal article	1
1.5.	Jansons Ā., Garanča A., Zute D, Ķēniņa L. (2023) Effect of mixed-species stand management on climate-change mitigation.	Manuscript	Journal article	1
1.6.	Zute D., Elisson D., Jansons Ā. (2023) Definition of old-growth forests and its effect of on climate change mitigation potential	Manuscript	Journal article	1
1.7.	Zute D., Rendenieks Z., Jaunslaviete I., Jansone L., Jansons Ā. (2023) Deadwood carbon pool in over-mature coniferous stands in hemiboreal forests. Forests.	Manuscript	Journal article	1

1.8.	Bādērs E., Rendenieks Z., Jansone L., Jansons Ā. (2023) Effect of single-tree mortality on biomass carbon pool changes with age: case study in hemiboreal mature and over-mature forests.	Manuscript	Journal article	1
1.9.	Jansons Ā., Garanča A., Zute D., Rendenieks Z., Ķēniņa L. (2023) How to boost long-term climate change mitigation effect of hemiboreal forests: assessment from mature and over-mature stands	Manuscript	Journal article	1
1.10.	Dubra S., Zute D., Samariks V., Šņepsts G., Jansons J., Jansons Ā. (2023) Forest management strategies affecting its long-term climate-change mitigation effect: case study in Latvia.	Manuscript	Journal article	1
				Total: 10
2.	Original scientific articles published in magazines or volumes of conference articles included in Web of Science database or SCOPUS (A or B) database			Planned 3
2.1.				
2.2.				
2.3.				
				Total: 0
			All submitted	1
			All published	3
			Total	10