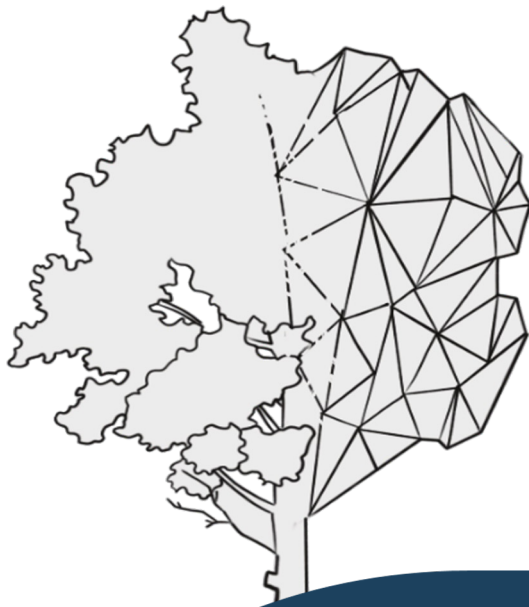




3DForEcoTech



**“No single
sensor sees
the whole
forest.”**

LiDAR Data Fusion:
The Next Frontier in
Forest Attribute
Estimation

To assess how far LiDAR fusion has advanced, Balestra and colleagues conducted a structured review of the scientific literature between 2014 and 2023. Using a PRISMA-based screening approach, they identified 151 relevant studies published worldwide. Most studies fused airborne LiDAR with optical datasets, often multispectral or hyperspectral imagery collected from satellites or drones.

Balestra, M., Marselis, S., Sankey, T.T., Cabo, C., Liang, X., Mokroš, M., Peng, X., Singh, A., Stereńczak, K., Vega, C., Vincent, G., Hollaus, M., 2024. LiDAR Data Fusion to Improve Forest Attribute Estimates: A Review. Curr. For. Rep. 10, 281–297.



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