

5.2 Test area Olbernhau_2



Fig. 19. Test area Olbernhau_2

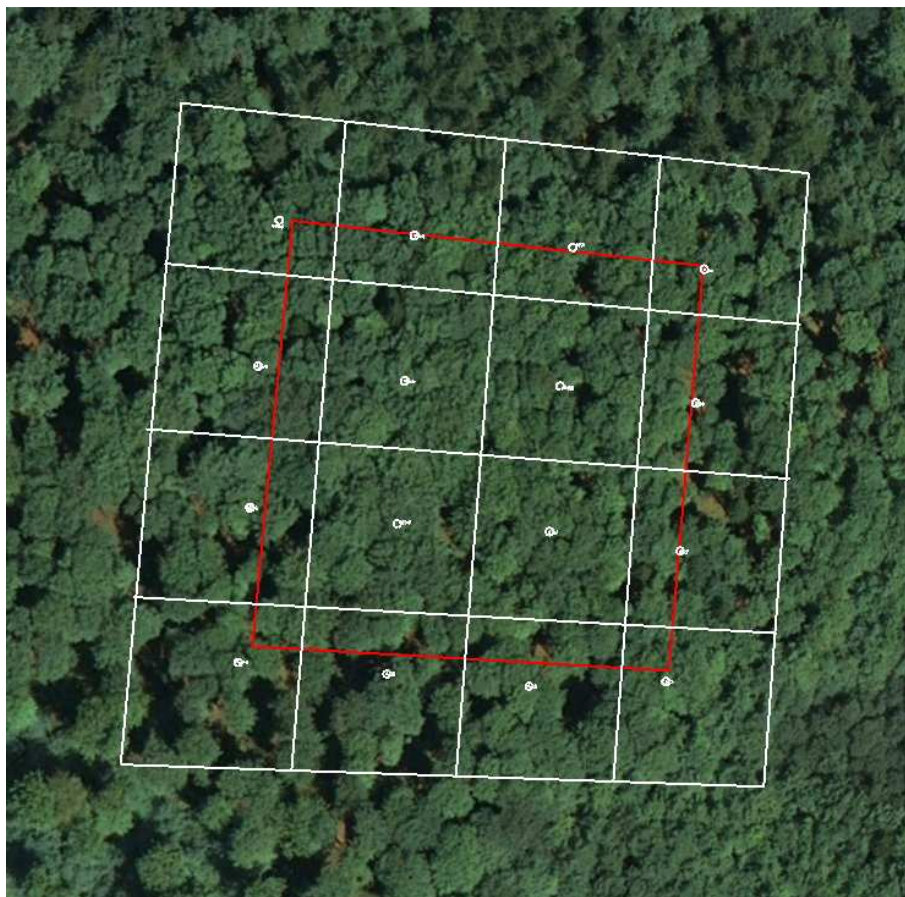


Fig. 20. Test area Olbernhau_2 (red border), TLS project blocks (white line), scanner positions (white circles).

Name of TLS project: Olbernhau_2
 Area to measure: 10 000m²
 Scanned area: 22 500m²
 Number of scan positions: 16
 Number of points in project: ca. 324 million
 Number and names of files: 16 (01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16)

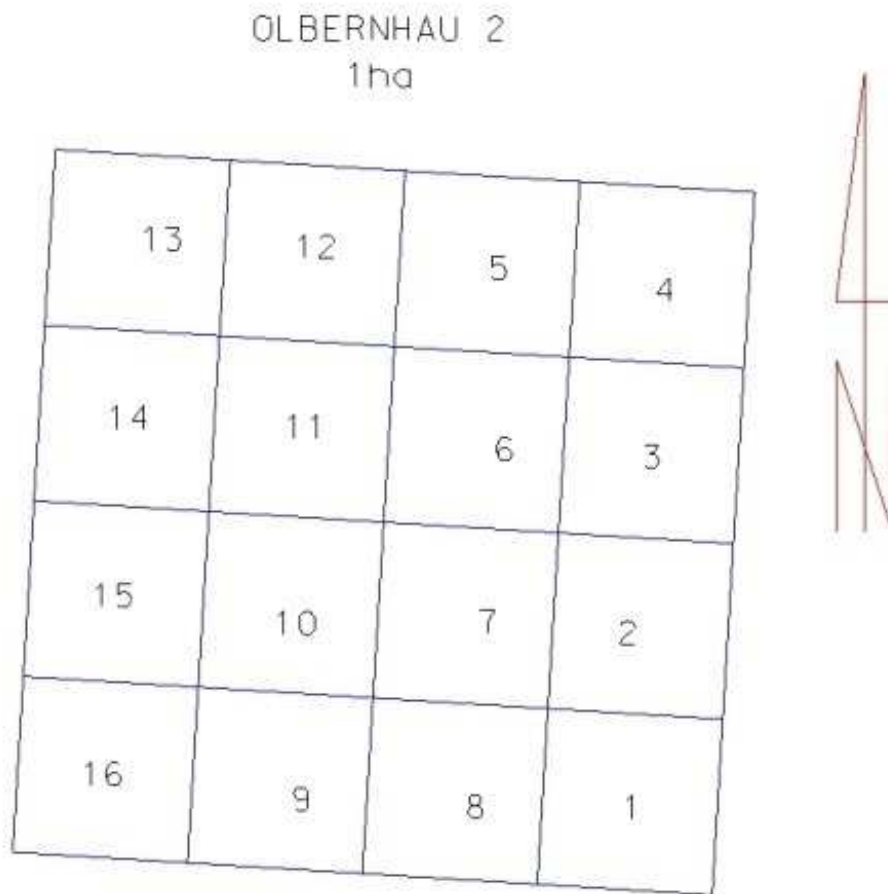
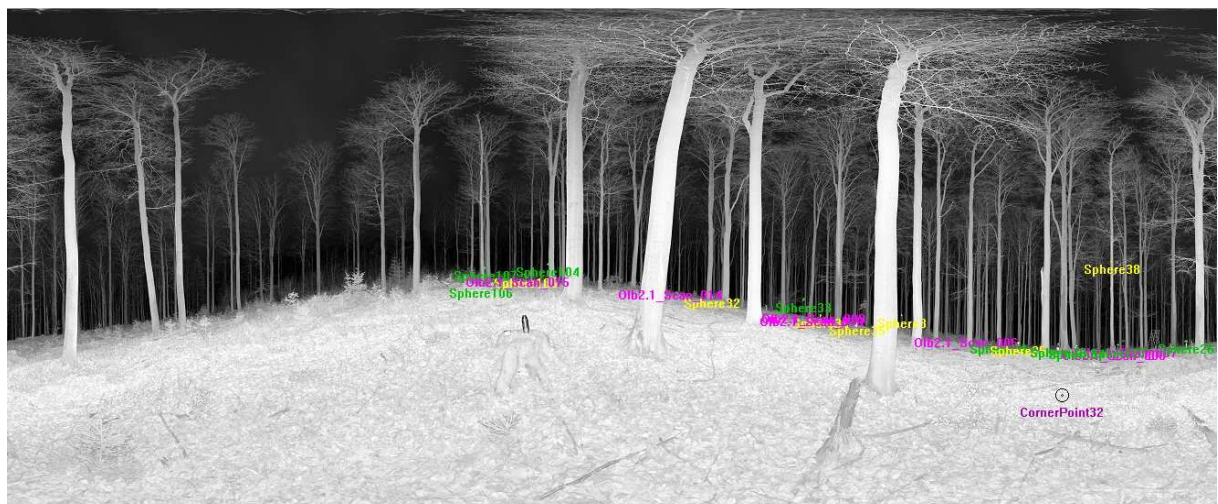


Fig.21. Numbers of blocks in TLS Olbernhau_1 project.



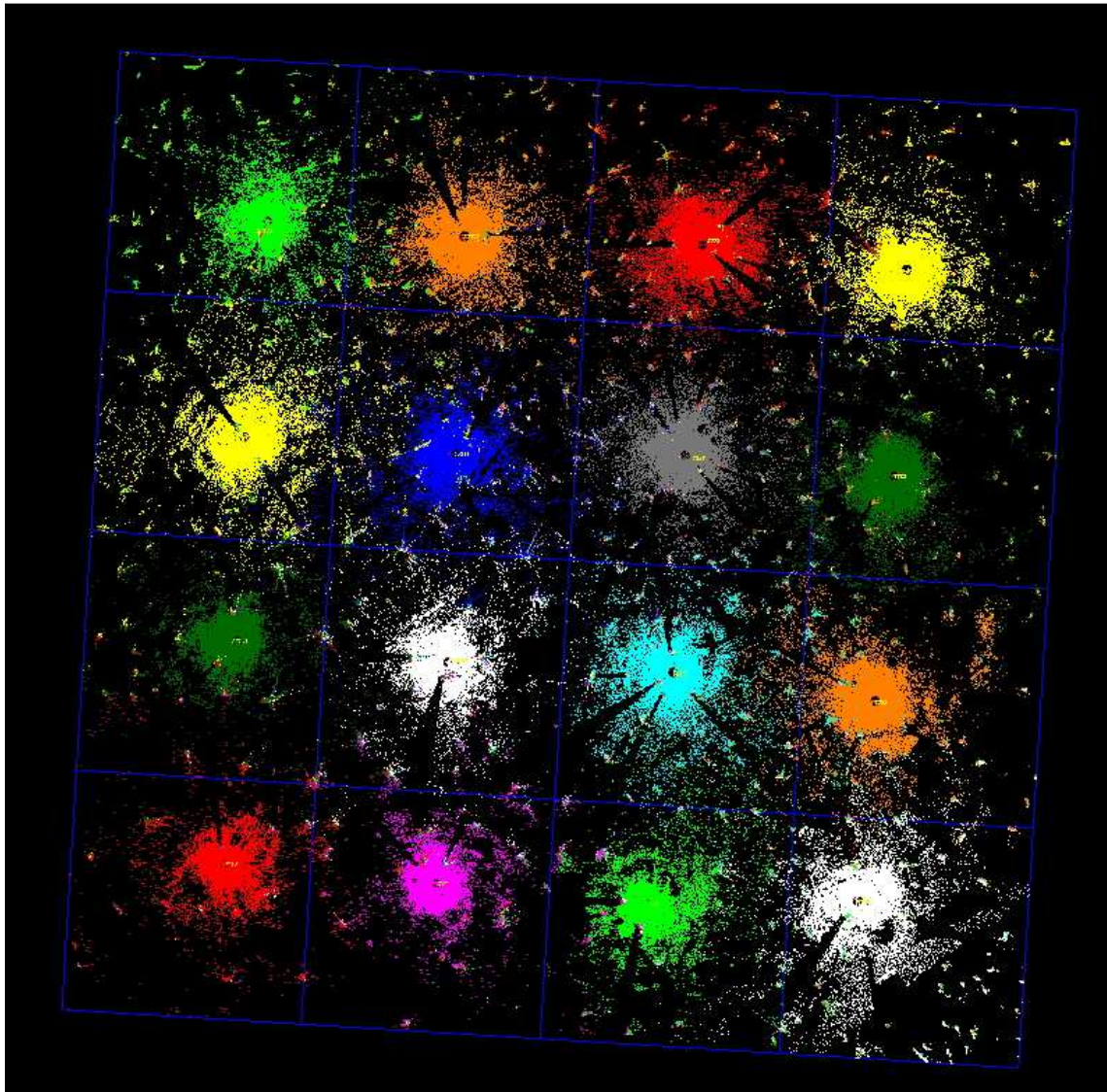


Fig. 23. TLS project Olbernhau_1 colored by scan positions.

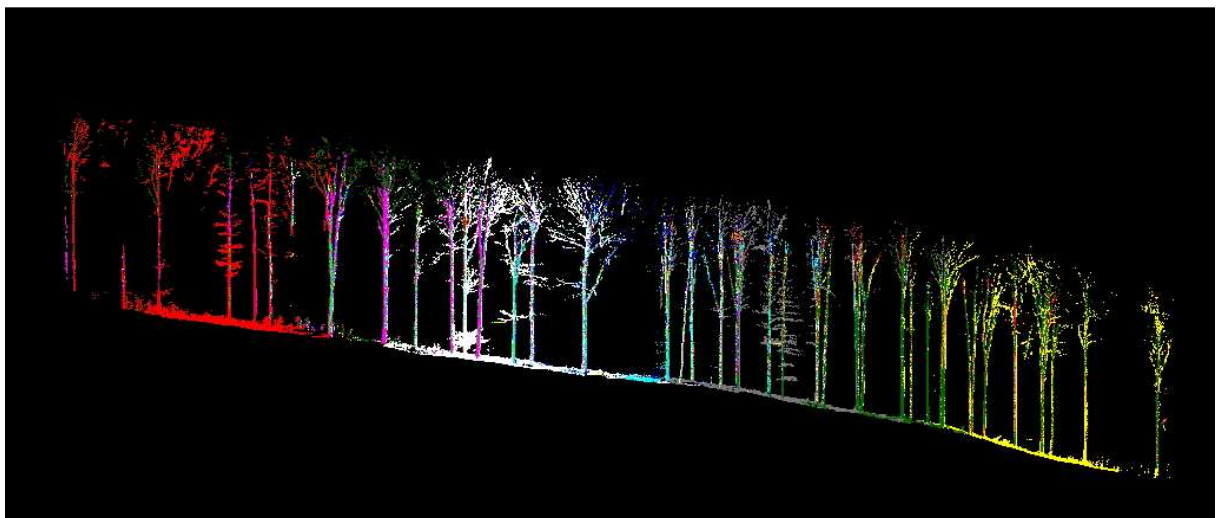


Fig. 24. TLS profile colored by scan positions



Fig. 25. Test area Olbernhau_2

5.3 Test area Wermsdorf_Collm



Fig. 26. Location of test areas Wermsdorf_Collm.



Fig. 27. Number of plots in test area Wermsdorf_Collm.



Fig. 28. Test area Wermsdorf_Collm

5.3.1. Test area Wermsdorf_Collm - Plot_1

Name of TLS project: Wermsdorf_Collm_1
 Area to measure: 500 m²
 Scanned area: ca. 1130 m²
 Number of scan positions: 4
 Number of points in project: ca. 76 million
 Number and names of files: 4 (1_1, 1_2, 1_3, 1_4)
 Internal radius: 7.0m External radius: 19.0m

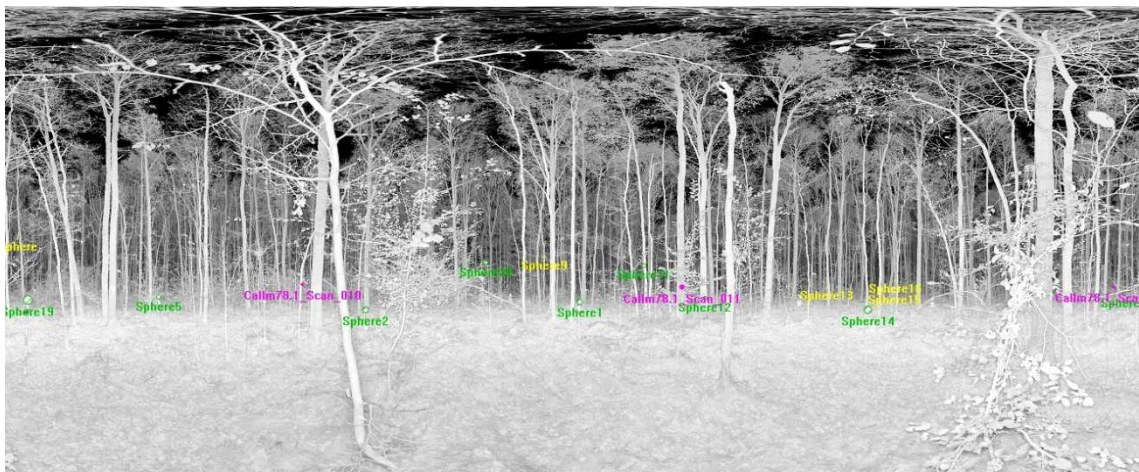


Fig. 29. Planar view from center of plot 1 colored by intensity values.

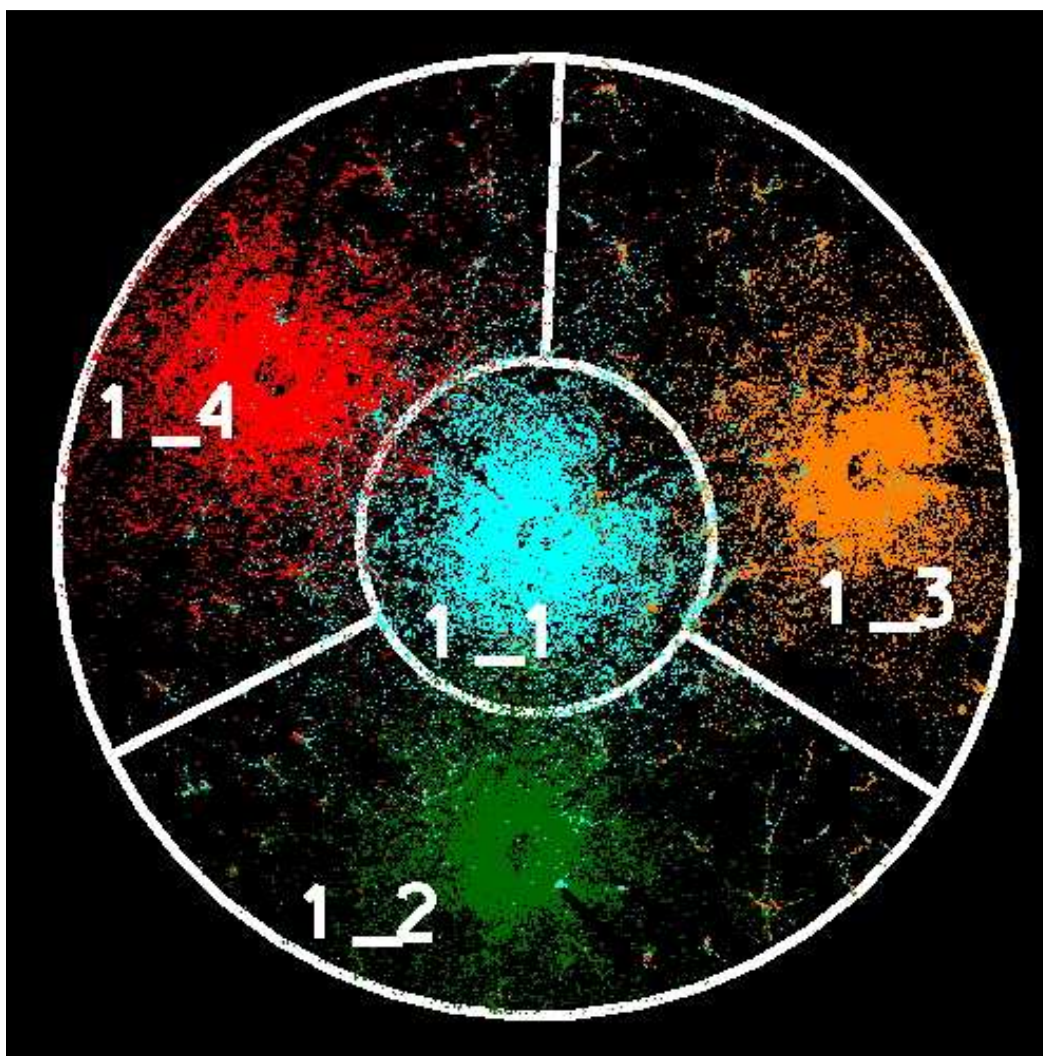


Fig.30. Numbers of blocks in TLS Wermsdorf_Collm_1 project and point cloud colored by scan positions

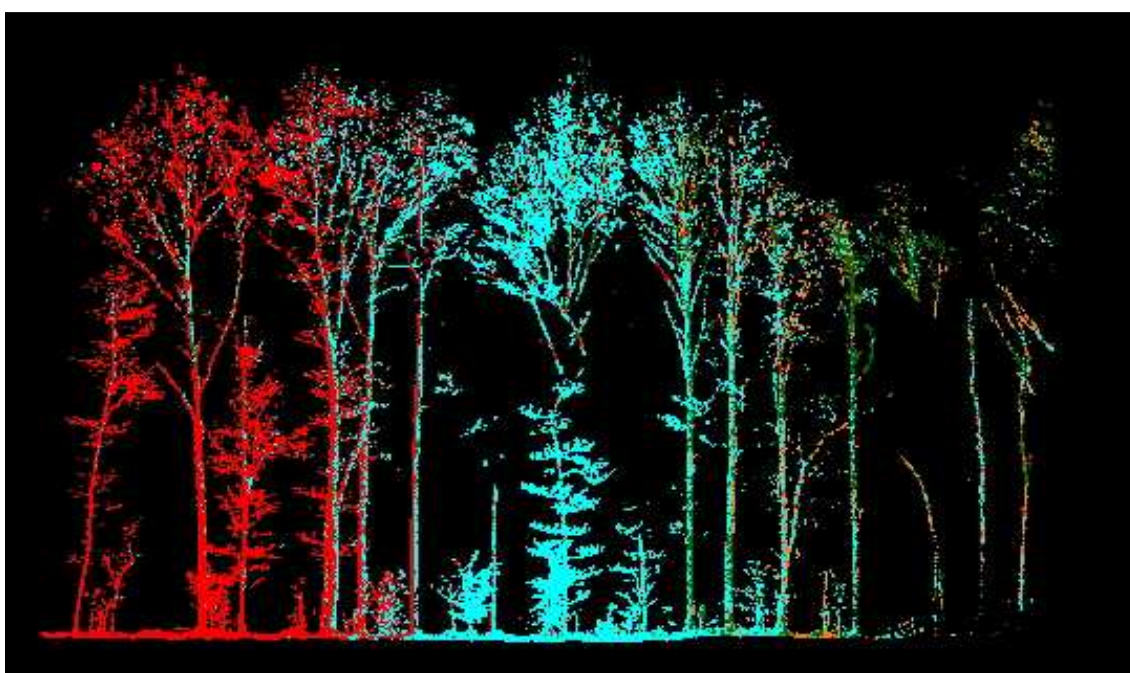


Fig. 31. TLS profile colored by scan positions