

Cover image

An example of terrestrial laser scanner data capturing the size, shape and diversity of tree structure from Wytham Woods, an old and extremely well-studied woodland near Oxford, UK. Each tree in a 1 ha (100 x 100 m) region is shown as an individually-coloured point cloud. Individual trees were extracted automatically from a much larger point cloud covering 6 ha, containing more than a thousand trees and many billions of points. The trees were scanned during winter, to enable the branching structure to be captured as accurately as possible. The data were collected and processed by Dr. Kim Calders and colleagues from the National Physical Laboratory (NPL) and UCL, as part of the METEOC-II project. See 'Weighing trees with lasers: advances, challenges and opportunities.' *Interface Focus* (<http://dx.doi.org/10.1098/rsfs.2017.0048>).

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