Disseminating reconstructed tree models

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Data-driven animations

Our research group uses animated videos to disseminate the results and methodology details of tree and forest reconstruction. The videos are published on our groups Youtube channel, and used in various events.
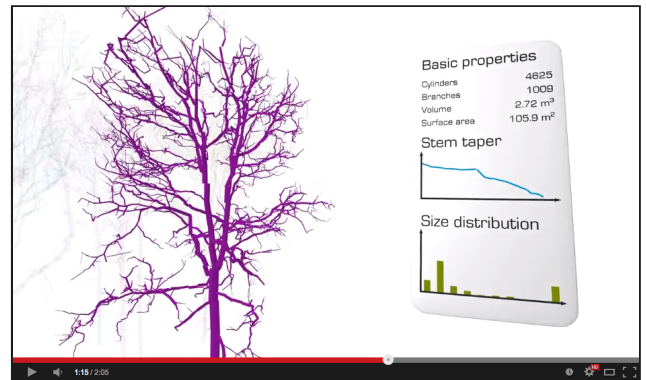
The *3D Forest Information* video gives a simplified illustration of how forest plot reconstruction works. The animation is driven by exported data and could be automatically updated should the data change.

Visit channel　　**Visit video**

http://math.tut.fi/inversegroup/models

https://www.youtube.com/watch?v=wANRdliE1zQ
https://www.youtube.com/user/TUTInverseProblems

Interactive 3D models

Tree reconstruction results in a 3D model of a tree that contains geometric and topological information about the branching structure. The 3D models can be visualized in 3D modeling software, but for simplicity we use a third-party service *SketchFab* to store and display the models directly in a standard web browser. WebGL technology is used and therefore the content displays in all modern web browsers without any plugins.


Visit models

Social media pages

We are part of the *Quality Forest* research consortium together with researchers from Finnish Forest Research Institute, Finnish Geodetic Institute and Finnish Environment Institute. Our consortium has a public Facebook page for publishing news about research results. Facebook allows easy publication of news and multimedia items.

Visit Facebook

https://www.facebook.com/qualityforest
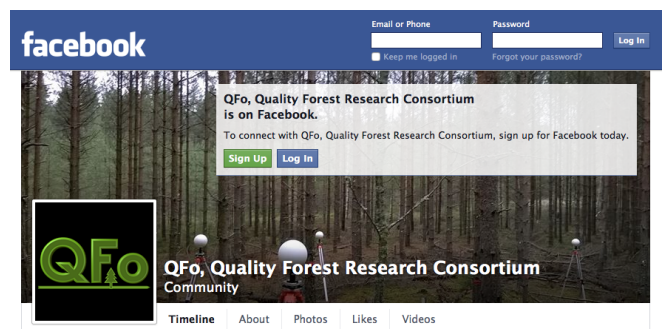
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