
3D MAPPING AND SPATIAL ANALYSIS OF FOREST STANDS

Erasmus+ VirtualForests Project

An introduction to forest stand mensuration based on remote sensing technologies, 3D stand virtualization and growth simulation, and related analytical pipelines.

Date & Time:

From 9:00 – 13:00 CET on Fri. 9th June

Location:

Eberswalde University for Sustainable Development (HNEE) – Forest Campus.
Alfred-Möller- Str. 1, 16225 Eberswalde, Germany; Building 11 Rm. 11.001

Guest Speakers:

Ruben Saornil Minguez from University of Valladolid, Spain
Prof. Vu Van Manh from Vietnam National University- Uni. of Science Hanoi
Prof. Dr. Jan-Peter Mund & Dr. Kevin Beiler from HNEE, & others

Programme:

Friday (9.6.23) – 3D Mapping & Spatial Analysis of Forest Stands HNEE Forest Campus, Building 11, room 11.001			
Time	Topic	Summary	Speaker
8:30-9:00	Welcome Reception	Greeting and sign-in	
9:00-10:00	Introduction to VirtualForests Project	Welcome remarks Introduction to VirtualForests Project	Ruben S. Minguez (coordinator VF project), Kevin Beiler
10:00-10:30	Forest virtualization - opportunities and obstacles	Seminar: 3D Mapping & Spatial Analysis of Forest Stands	Jan-Peter Mund
Coffee break 15 mins			
10:45-11:15	VFs as international learning locations	Virtual forest tours and digital twins as international teaching and communication tools	Vu Van Manh
11:15-13:00	Discussion	Discussion: Results, lessons and challenges from VirtualForests, and practical implications for forestry education and research Closing remarks	Discussion moderated by Ruben S. Minguez & Kevin Beiler
