

potree.org · github · twitter
EN · FR · DE · JP · ES · SE

1.8.0

Appearance

Point budget: 10,000,000

Field of view: 60

Eye-Dome-Lighting

Enable

Radius: 1.4

Strength: 0.4

Opacity

Background

Skybox Gradient Black White None

Other

Split Quality

Standard High Quality

Max node size: 0

Box

Look view

Tools

Measurement

Show/Hide labels

Show Hide

Cropping

Clip Tool

None Highlight Inside Outside

Clip Method

Inside Any Inside All

Navigation

Calculate Projection

Perspective Orthographic

Speed: 907.2

Scene

Export JSON DXF Potree Objects

Point Clouds

Measurements

Annotations

Other

Camera

Vectors

Images

Point size: 1.00

Minimum size: 2.00

Point color: ADAPTIVE

Shape: SQUARE

Opacity: 1.00

Attribute

Attribute

rgba

intensity

intensity gradient

return number

number of returns

classification flags

classification

user data

scan angle

point source id

gps-time

rgba

elevation

color

matcap

indices

level of detail

composite

Filters

Classification

showhide all

showhide classified

unclassified

ground

low vegetation

medium vegetation

high vegetation

building

low point(cloud)

key-point

water

overlap

default

invert

Returns

RGB (ALL POINTS)

Rotate

Translate

Zoom

ex. adjust point cloud appearance:

1) Select point cloud

Point size

2) Change attribute

3) Toggle point class type

CLASSIFICATION

COMPOSITE (ELEVATION+ CLASSIFICATION)

ELEVATION (GROUND POINTS ONLY)

ELEVATION (ALL POINTS)



CREATING CROSS-SECTIONS

Scene

Export: JSON DXF Potree

Objects

- ☒ Point Clouds
 - ☒ slesse
- ☒ Measurements
 - ☒ Profile
- ☒ Annotations
- ☒ Other
- ☒ Camera
- ☒ Vectors
- ☒ Images

Properties

x	y	z
593,308.036	5,436,911.676	252.748
593,018.664	5,437,400.562	311.343

Width: 10

show 2d profile

Filters

Classification

- ☒ show/hide all
- ☒ never classified
- ☒ unclassified
- ☒ ground
- ☒ low vegetation
- ☒ medium vegetation
- ☒ high vegetation
- ☒ building
- ☒ low point(noise)
- ☒ key-point
- ☒ water
- ☒ overlap
- ☒ default

invert

Tools

Measurement

Show/Hide ☒ Hide

Measurement tool
ex. creating a cross-section

1) Select "height profile" tool
3) Select profile

2) Draw profile

4) Set width

5) Click show profile

6) Export to .csv or .las

Height profile

Number of Points: 239,664

show 2d profile

10 CSV(2D) LAS(3D)

340
330
320
310
300
290
280
270
260
250
240
230
220
210
200

-80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540 560 580 600 620 640

