

JanusDAS Workflow

version 2.2.1

February 21, 2022

1. READ POINTCLOUD FILE

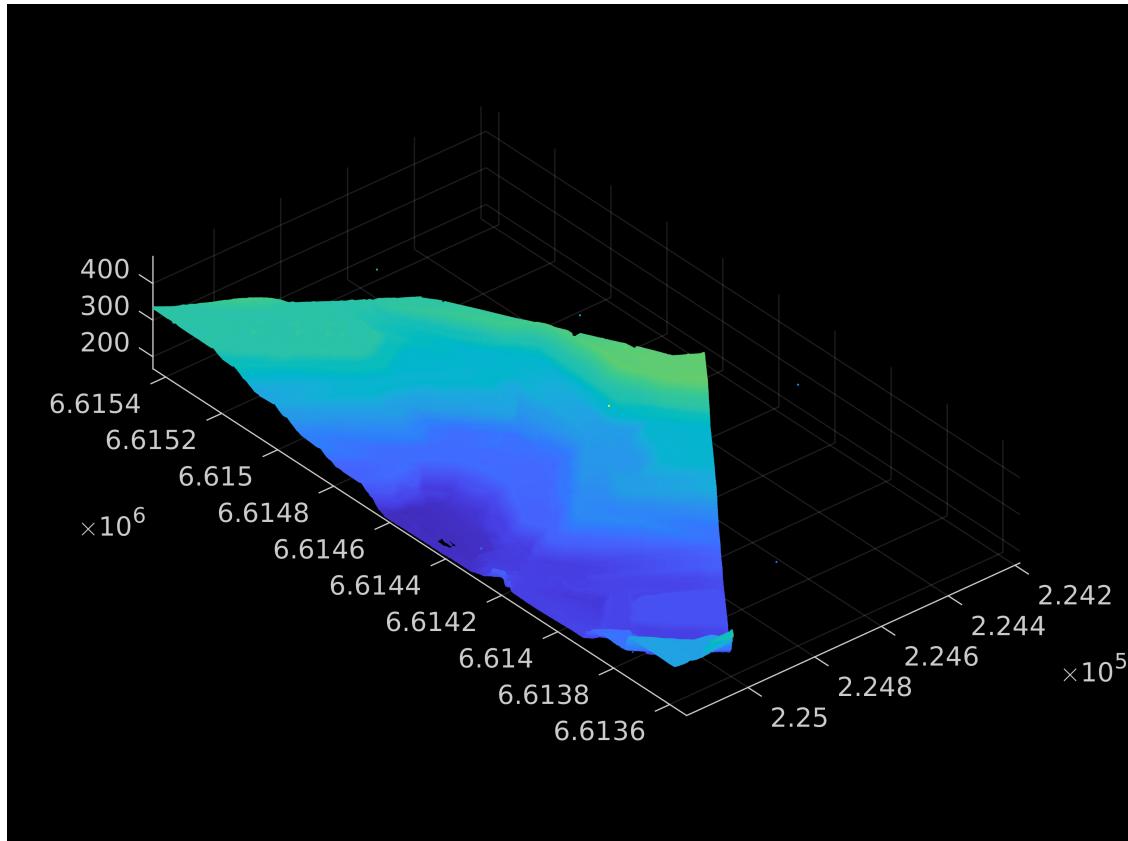
pointcloud file = 210815_Pit_merged.laz

merged laz file of the following files:

- 210815_Pit_MD-0-1.las
- 210815_Pit_MD-0-2.las
- 210815_Pit_MD-0-3.las
- 210815_Pit_MD-1-0.las
- 210815_Pit_MD-1-1.las
- 210815_Pit_MD-1-2.las
- 210815_Pit_MD-1-3.las
- 210815_Pit_MD-1-4.las

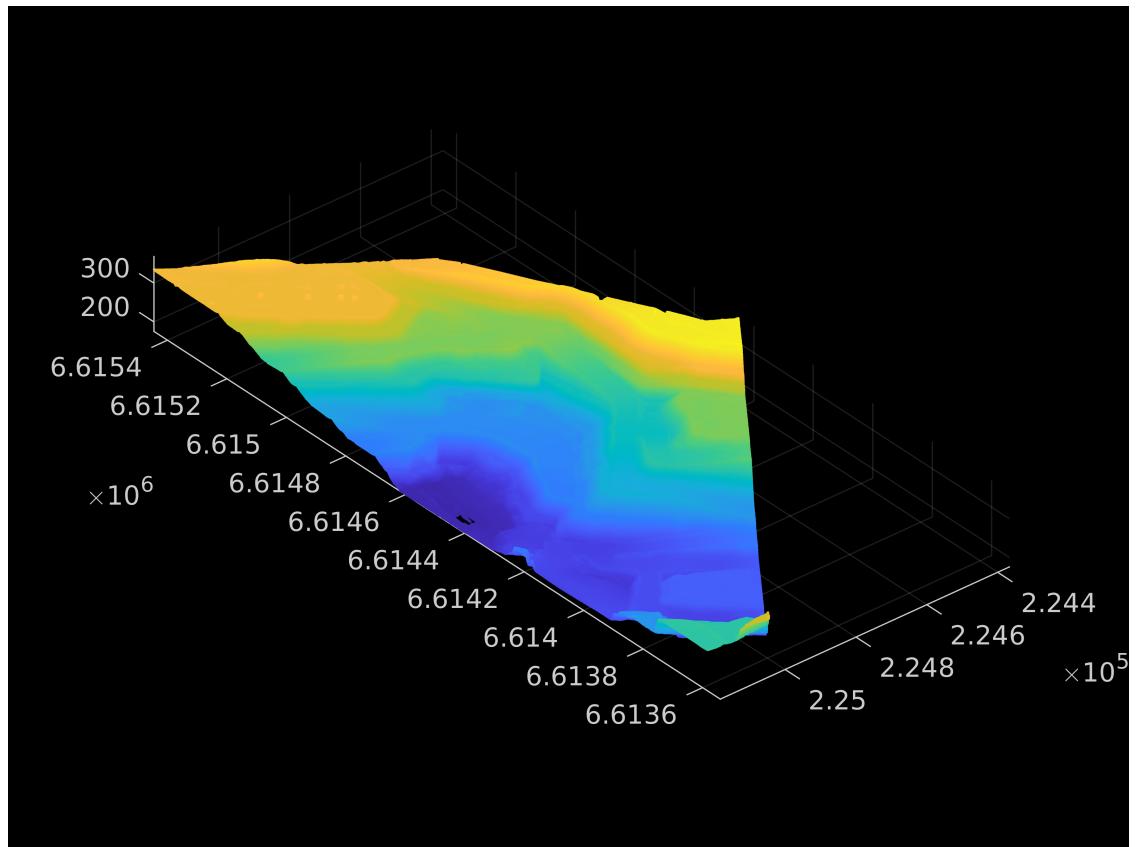
2. DOWNSAMPLE POINTCLOUD

gridstep = 0.5



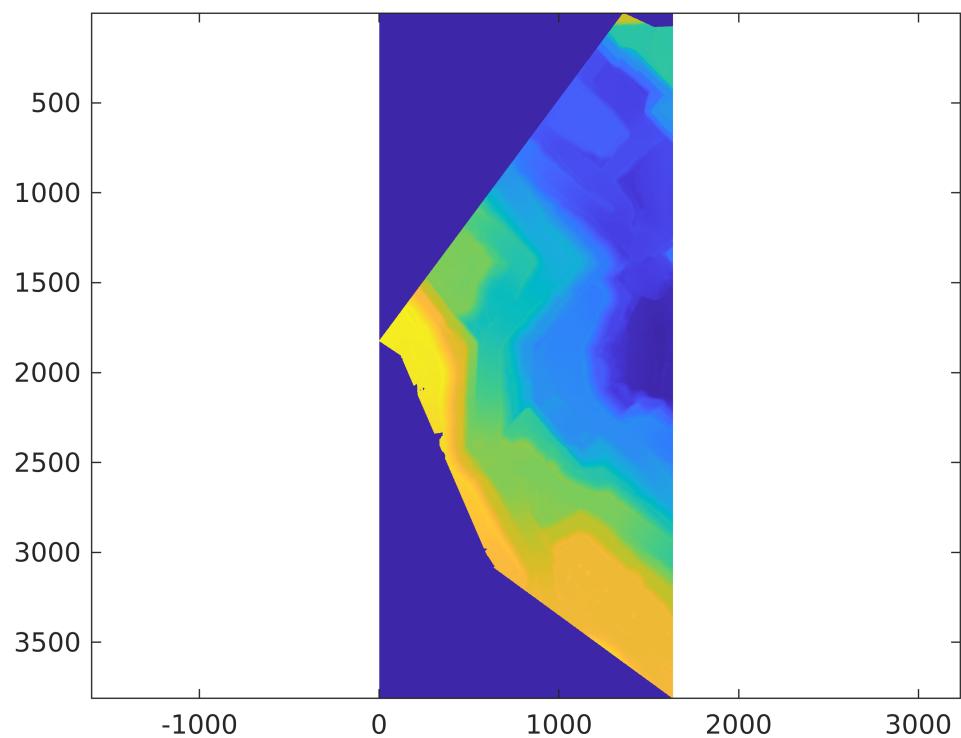
3. REMOVE NOISE

numNeighbors = 4, threshold = 1



3. CREATE DEM FROM POINTCLOUD

gridSize = 0.5



4. GET GROUND POINTS

maxWindowRadius = 16, elevationThreshold = 0.1, slopeThreshold = 0.1, elevationScale = 1.5

