Pix4D Tutorial (Software desktop)

Jcatalão, 8 maio 2023

Versão 4.8.0 (supports windows 11)
(Problemas: https://community.pix4d.com/t/windows-11-issue-with-pix4dmapper-pix4dfields-pix4dsurvey-and-pix4dmatic/20960)

1. New Project

2. Add images / Add directories

3. Camera Model (FC300x_3.6_4000x3000 ou FC6360)

4. Select Output Coordinates
   Advanced Coordinate Options
   Known Coordinate System
   From List > Datum ETRS89 CS: ETRS89/PortugalTM06
   Vertical: MSL egm2008

5. Processing Options Template > 3D Maps

6. Processing Options> Advanced

   a) Initial Processing > Calibration > Internal parameters Optimization > All Prior
   b) Point Cloud & Mesh > Classify Point Cloud

7. Initial processing (sem PFs) (desativar as restantes etapas) : START
   É realizada a triangulação área sem pontos fotogramétricos. Posteriormente são identificados os PFs nas imagens e recalculada a triangulação área

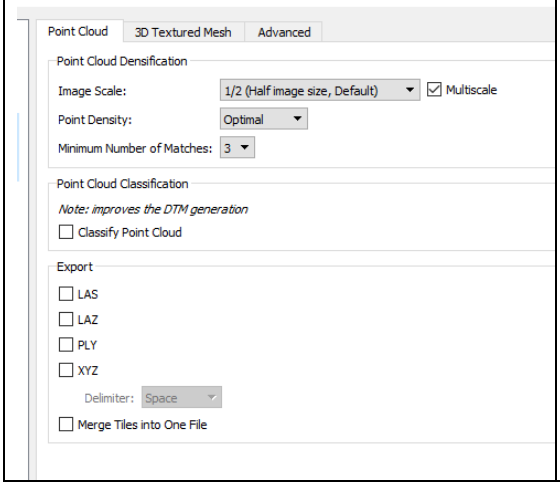
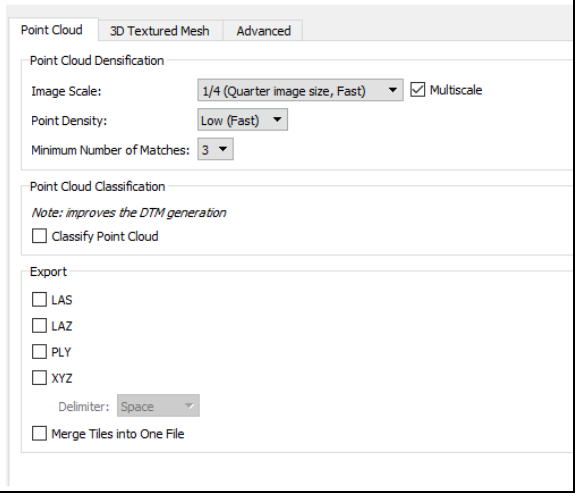
8. Analisar relatório de qualidade

9. Importar e identificar os PFS.
   a) Project > GCP/MTP Manager > Import GCP
   b) Basic Editor : Identificar os PFs nas imagens

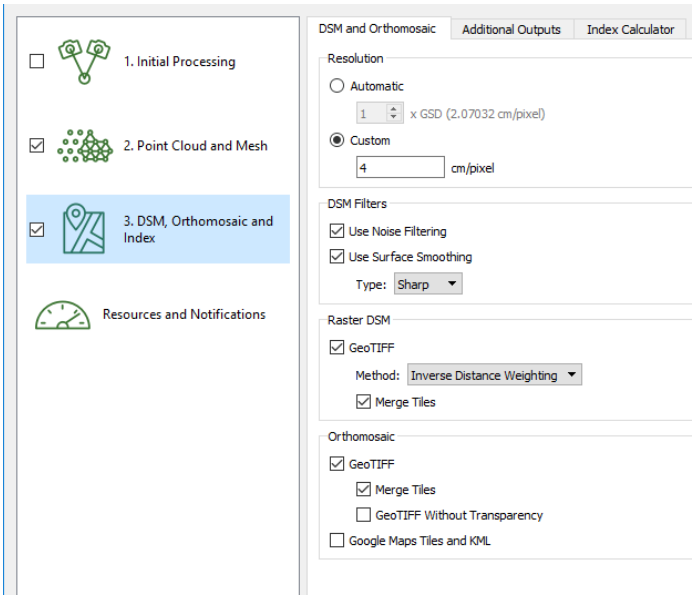
10. Processing > Initial processing (com PFs)

11. Analisar os resultados, Identificar PFs mal marcados ou com coordenadas erradas e eliminar do processamento.

12. Point Cloud and Mesh >

Default	Low Resolution
	

13 DSM and Orto



14. Executar passo 2 (Point Cloud and Mesh) e 3 (DSM)

Desativar step 1. Initial Processing.