



DATA PROCESSING TOOL FOR AISA AND AFX SERIES

CaliGeo PRO is data processing tool used to radiometrically correct and georeference hyperspectral data acquired with Specim AISA and AFX series sensors. CaliGeo is a plug-in application for ENVI image analysis software commonly used for remote sensing applications.

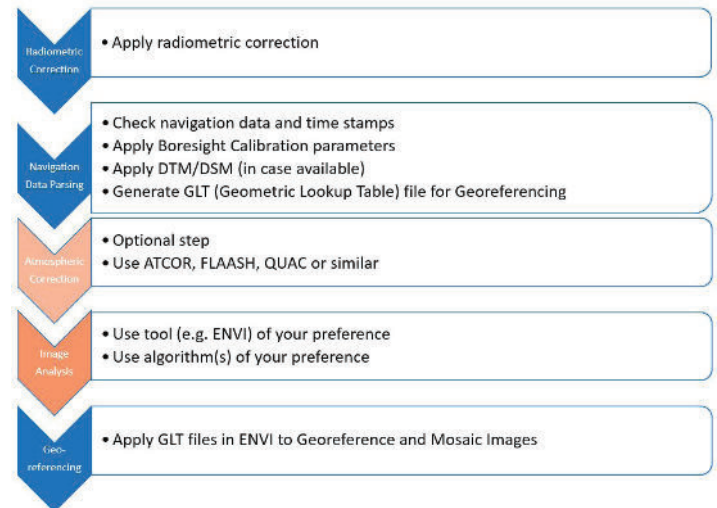
Data processing with CaliGeo PRO is fast and straightforward using either interactive or batch processing mode. Data georeferencing process is automatic based on Specim's navigation data time stamping method. CaliGeo PRO includes also boresight calibration data processing tool.

FEATURES

- Radiometric correction
- Navigation data preview and synchronization with image data
- Support for most commonly used GNSS/IMU units
- Use of boresight calibration parameters
- Use of DTM/DSM for ground elevation
- Generation of Geometric Lookup Table (GLT) files
- Georeferencing of radiance data in CaliGeo PRO
- Georeference of analyzed data in ENVI using GLT files
- Boresight calibration

SUITED FOR

CaliGeo PRO is for radiometric correction of hyperspectral data processing of AISA and AFX series sensors. This data can be atmospherically corrected and analyzed using tools according to user's preference. CaliGeo PRO prepares GLT files used to georeference analyzed images.



SYSTEM REQUIREMENTS

- Windows 64-bit OS
- ENVI from L3Harris Geospatial
- Atmospheric correction SW (optional, user supplied)
- Image analysis SW (user supplied)

