



Multi Modal Hyperspectral Pixel Aligner



Step 2 of 4: Rigid Coregistration

VNIR Bands

454.497 543.545 650.403

SWIR Bands

Band 30 Band 60 Band 90

Micasense Bands

Band 1 Band 2 Band 3

Use available homography file



Step 2 - Band Selection for Rigid Coregistration

Choose your RGB representatives and preview registration results:

1 Select representative bands

- Use the drop-down menus to pick **blue**, **green**, and **red** band representatives for:
 - Your **VNIR** dataset
 - Your **SWIR** dataset
 - Your **MicaSense** dataset

2 Coregistration process

- These selected bands are used for **rigid coregistration** between:
 - VNIR ↔ MicaSense**
 - SWIR ↔ MicaSense**

3 Use Available Homography

- Toggle this on if **homography files** already exist in your output folder.
- If none exist, **new files will be generated**.

4 Preview layers on the map

- Use the **layer control** (top-right corner of the map) to toggle datasets on/off.
- You can visually check **how well the datasets align** prior to coregistration.



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