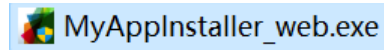


Multimodal Remote Sensing Image Matcher SSDM implementation (without rotation invariance, the full version and code will be uploaded after the paper has been accepted).

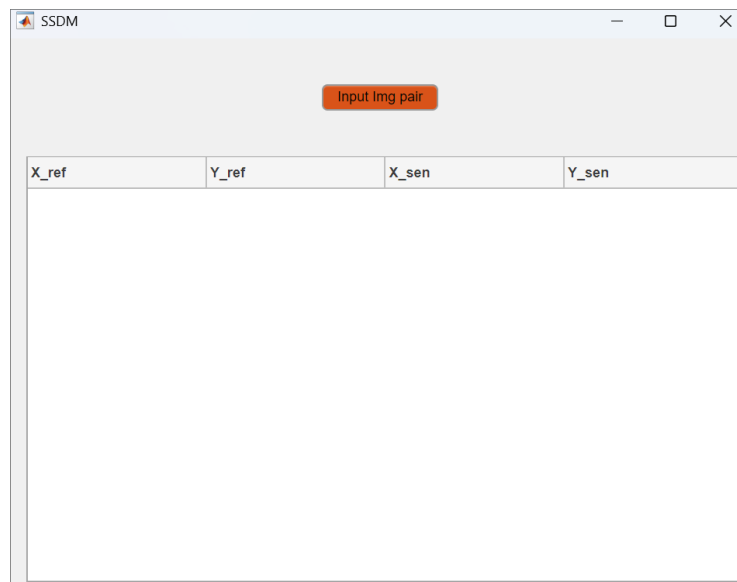
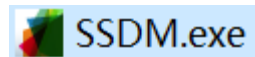
1. Prerequisites for its implementation

- (1) version 9.10 (R2021a) of the MATLAB is installed.
- (2) or version 9.10 of the MATLAB Runtime is installed.
- (3) or use the “MyAppInstaller_web.exe” we provide to install the runtime environment.

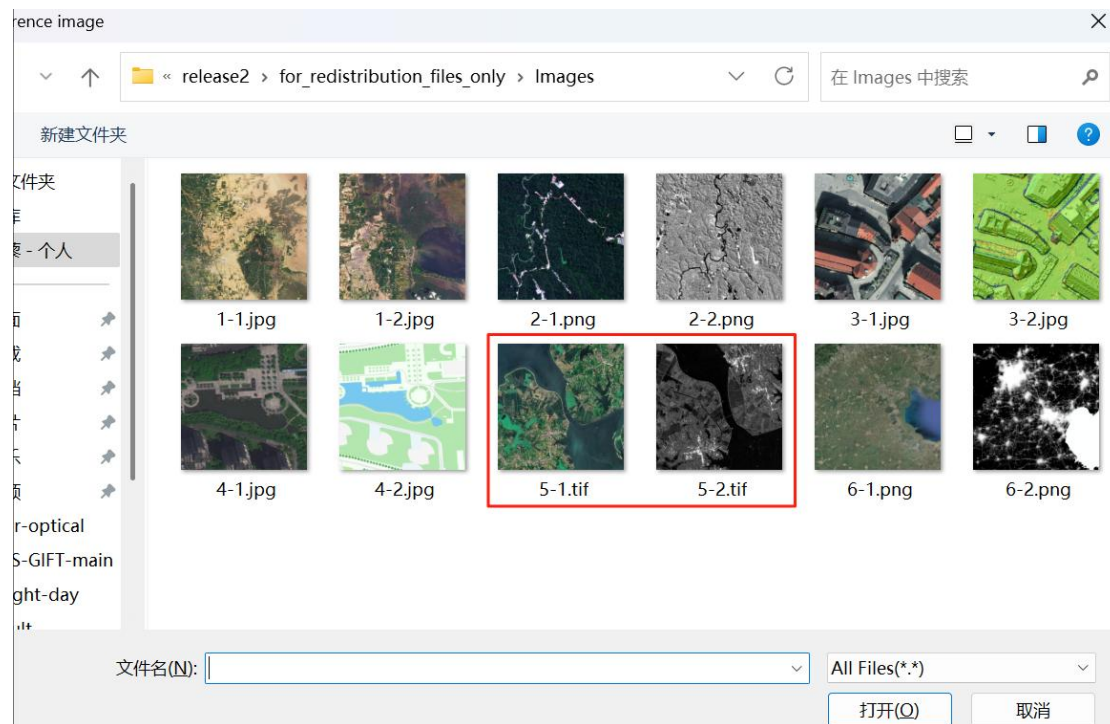


2. Usage of the implementation

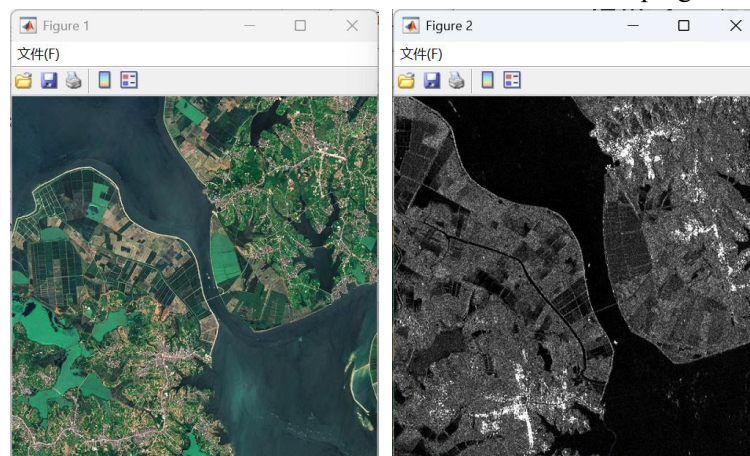
- (1) Double-click the SSDM.exe to run the program. Then the following user interface will appear.

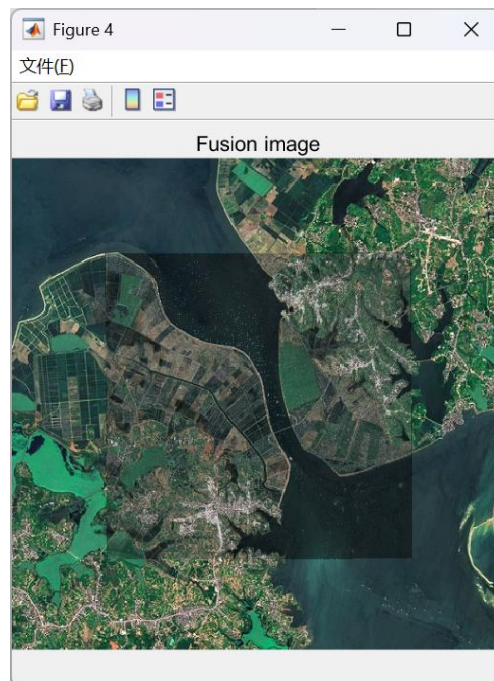
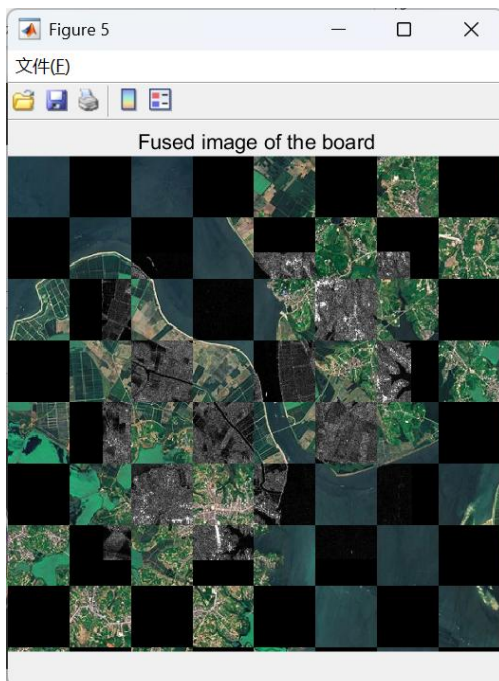
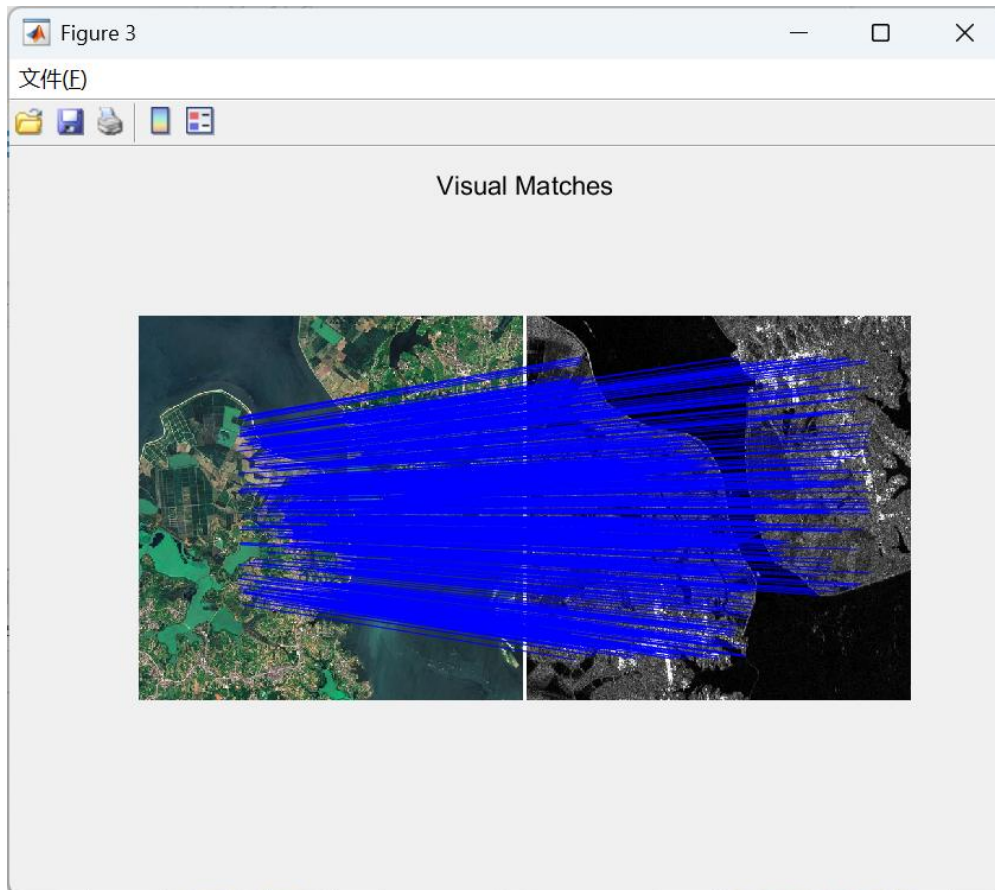


- (2) We provide a button "Input Img pair", which will import any two images.



Then wait for the results to appear. Usually, the first time you run the program is slower due to the need to hoist the MATLAB runtime. From the second time onwards the program will work faster.





(3) The coordinates of the matching point pairs will be displayed in the user interface.

SSDM

Input Img pair

X_ref	Y_ref	X_sen	Y_sen
129	342	53	393
129	177	54	128
129	231	54	214
129	228	54	210
129	206	54	174
130	350	54	406
130	324	55	364
129	157	55	95
130	133	57	57
132	355	58	414
131	170	58	116
131	146	58	78
132	298	58	322
132	296	58	319
132	279	58	292

The coordinates will also be stored here:

名称

- Images
- MyAppInstaller_web.exe
- outputMatches.txt
- splash.png
- SSDM.exe

outputMatches.txt

文件 编辑 查看

```

129 342 53 393
129 177 54 128
129 231 54 214
129 228 54 210
129 206 54 174
130 350 54 406
130 324 55 364
129 157 55 95
130 133 57 57
132 355 58 414
131 170 58 116

```