

地理信息系统与遥感应用

# 第十四讲 遥感光谱指数

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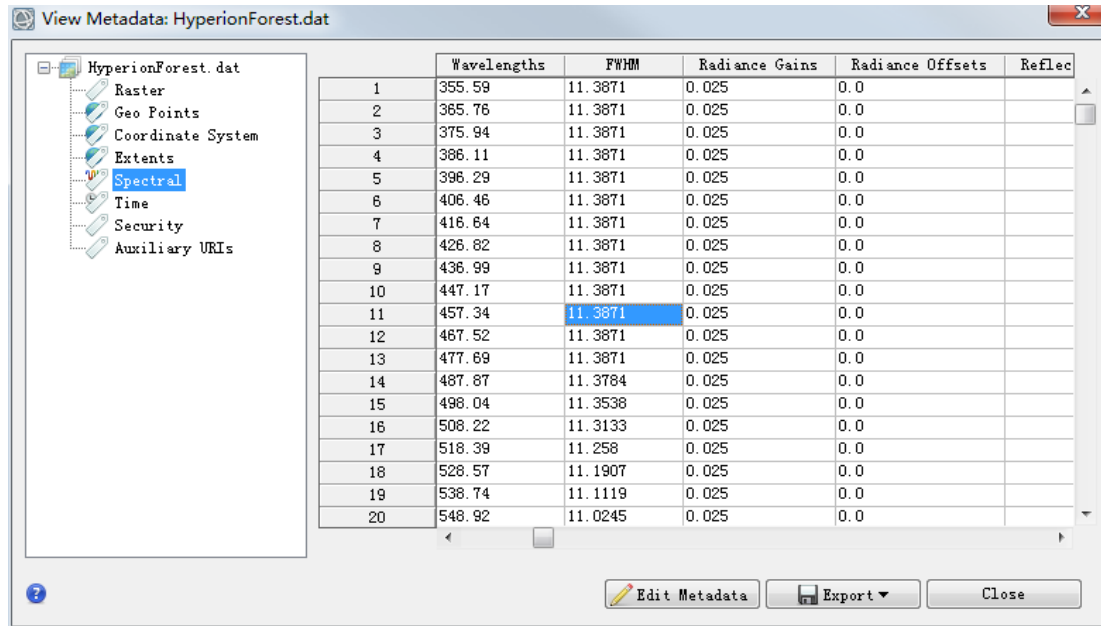
2018年12月10日



SUSTC

# Lab14.1 Hyperspectral Analysis for Vegetation Health

View Metadata: HyperionForest.dat



	Wavelengths	FWHM	Radiance Gains	Radiance Offsets	Reflec
1	355.59	11.3871	0.025	0.0	
2	365.76	11.3871	0.025	0.0	
3	375.94	11.3871	0.025	0.0	
4	386.11	11.3871	0.025	0.0	
5	396.29	11.3871	0.025	0.0	
6	406.46	11.3871	0.025	0.0	
7	416.64	11.3871	0.025	0.0	
8	426.82	11.3871	0.025	0.0	
9	436.99	11.3871	0.025	0.0	
10	447.17	11.3871	0.025	0.0	
11	457.34	11.3871	0.025	0.0	
12	467.52	11.3871	0.025	0.0	
13	477.69	11.3871	0.025	0.0	
14	487.87	11.3784	0.025	0.0	
15	498.04	11.3538	0.025	0.0	
16	508.22	11.3133	0.025	0.0	
17	518.39	11.258	0.025	0.0	
18	528.57	11.1907	0.025	0.0	
19	538.74	11.1119	0.025	0.0	
20	548.92	11.0245	0.025	0.0	

Edit Metadata Export Close

FLAASH Atmospheric Correction Model Input Parameters

Input Radiance Image:

Output Reflectance File:

Output Directory for FLAASH Files: C:\Users\ADMINI~1\AppData\Local\Temp

Rootname for FLAASH Files:

Scene Center Location: DD <-> DMS Sensor Type: NKNOWN-H: Flight Date: Jan 1 2000

Lat: 0 0 0.00 Sensor Altitude (km): 0.000

Lon: 0 0 0.00 Ground Elevation (km): 0.000 Flight Time GMT (HH:MM:SS): 0 : 0 : 0

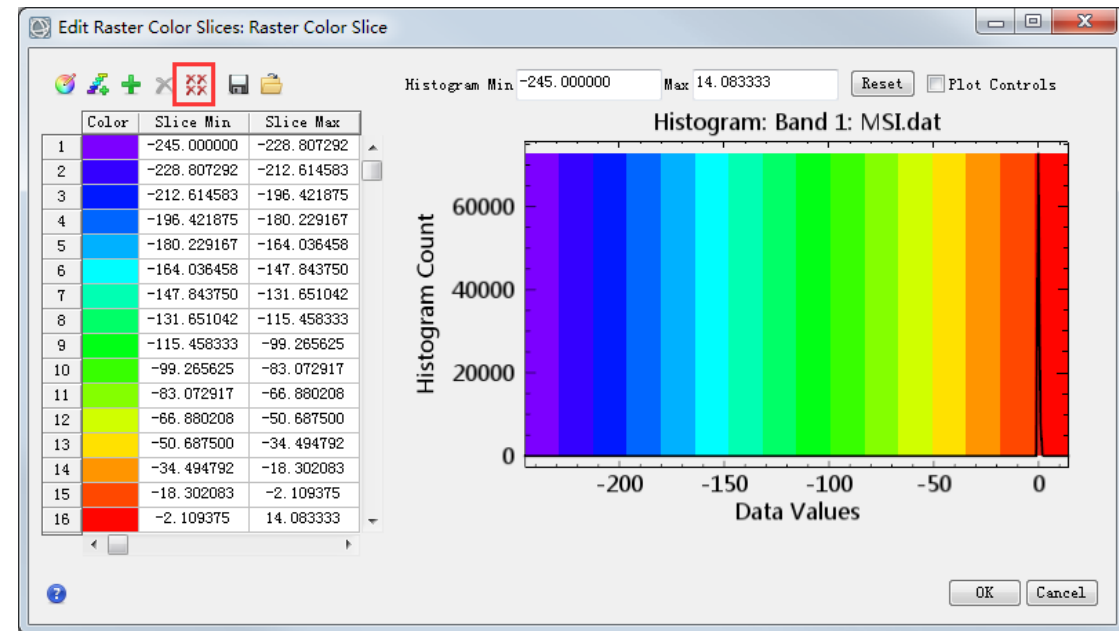
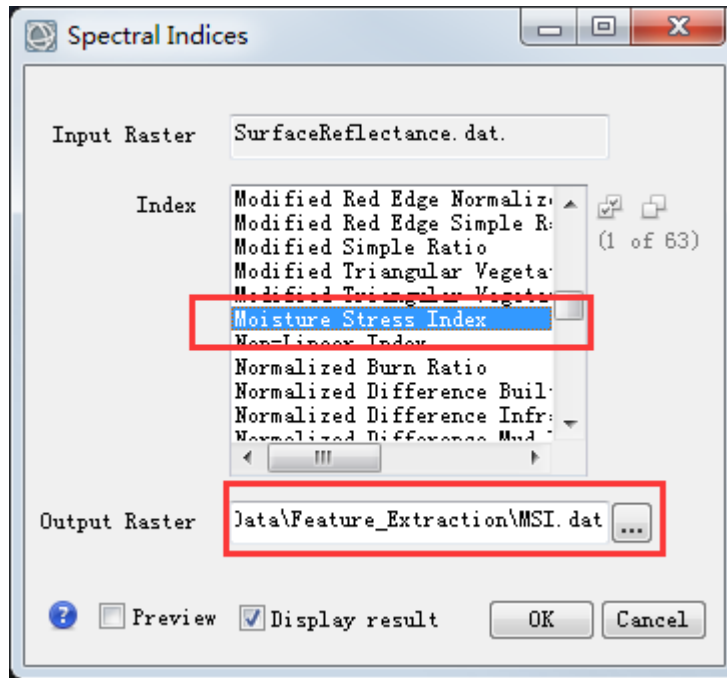
Pixel Size (m): 0.000

Atmospheric Model: Tropical Aerosol Model: Rural Spectral Polishing: Yes

Water Retrieval: Yes Aerosol Retrieval: 2-Band (K-T) Width (number of bands): 9

Water Absorption Feature: 1135 nm Initial Visibility (km): 40.00 Wavelength Recalibration: No

Apply Cancel Help Hyperspectral Settings... Advanced Settings... Save... Restore...



# Lab14.2 San Diego County wild fires in 2014

