



# **Introduction of the application achievements of GaoFen-1&2 in 2014**

**Earth Observation and Data Center, CNSA**

**2015. 2**

# Outlines



**1** The summarize

**2** The application achievements of GaoFen-1

**3** Brief introduction of GaoFen-2

**4** Conclusion

# 1、Outlines



GaoFen-1 on Orbit sketch map

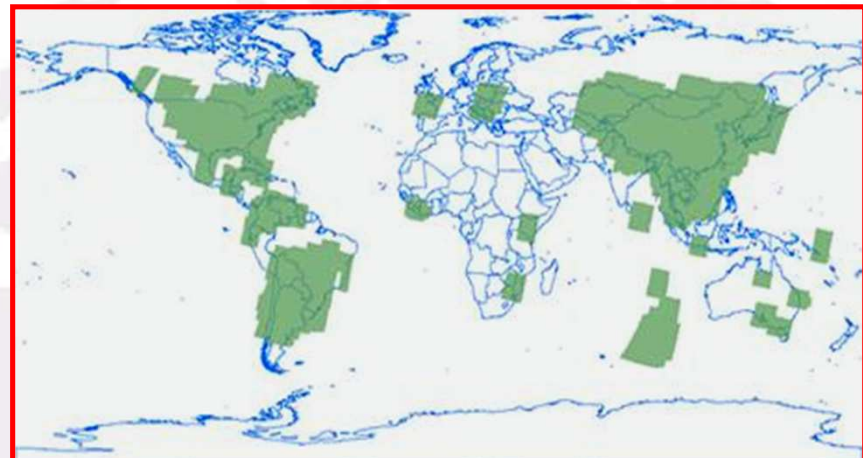


Imge of Beijing obtained by GaoFen-1

# 1、Outlines



Data Distribution Service Platform



The Coverage of GaoFen-1 in 2014

# Outlines



**1** The summarize

**2** The application achievements of GaoFen-1

**3** Brief introduction of GaoFen-2

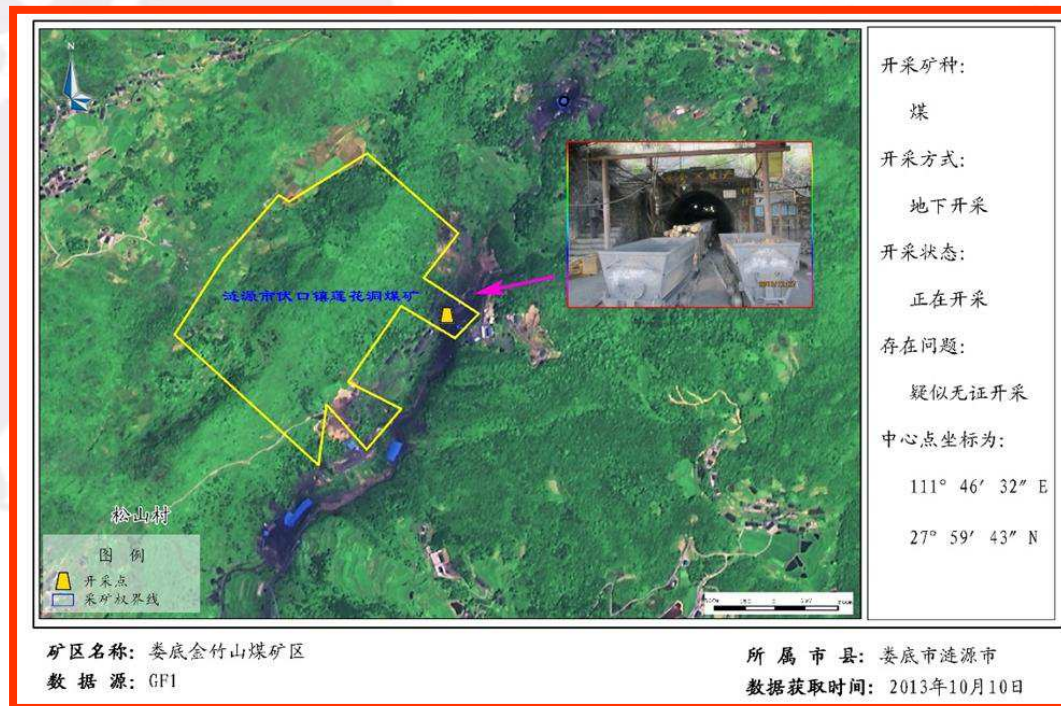
**4** Conclusions



## 2. The application achievements of GaoFen-1



### 1. Mineral resources survey



Investigation of Mineral Resources

## 2. The application achievements of GaoFen-1



### 2. Dynamic monitoring of land using

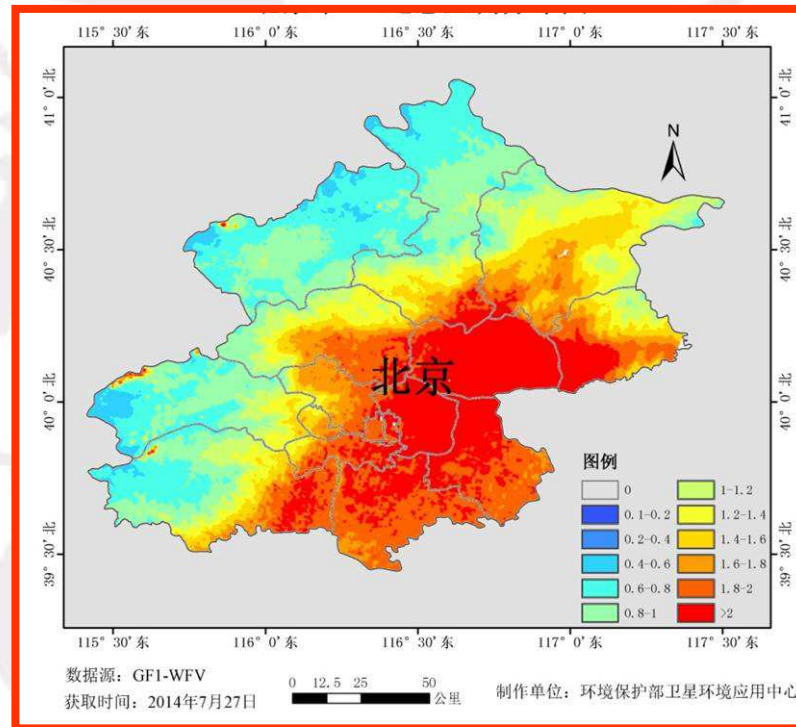


Land Consolidation Project Monitoring by GaoFen-1

## 2. The application achievements of GaoFen-1



### 3. Atmospheric environment monitoring



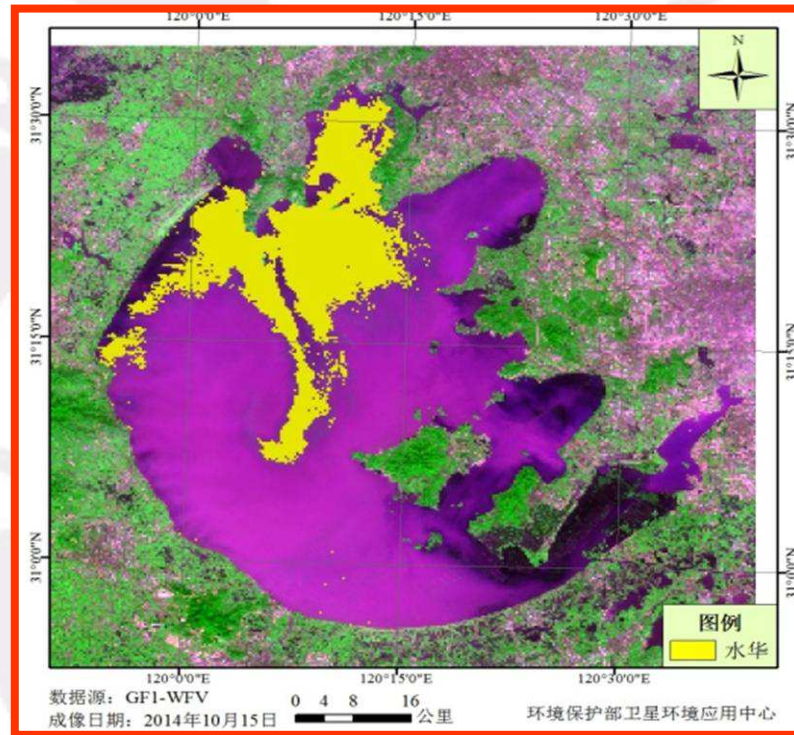
Beijing Aerosol Optical Depth (AOD) Monitoring on July 27th



## 2. The application achievements of GaoFen-1



### 4. Water environment monitoring

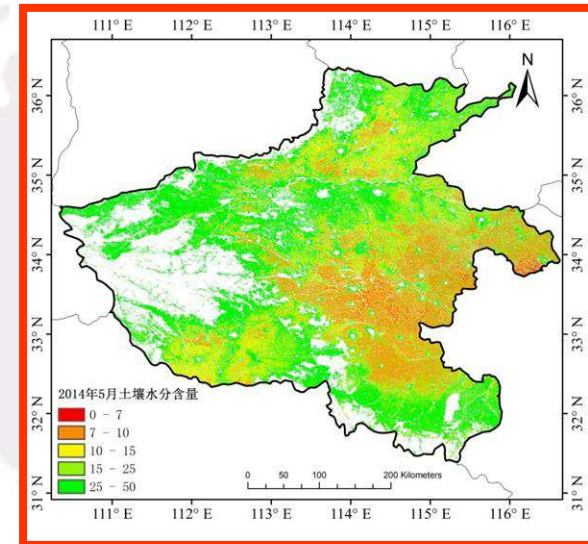
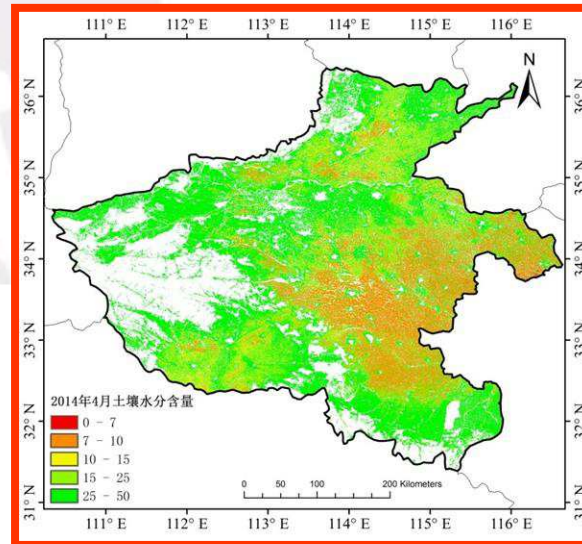
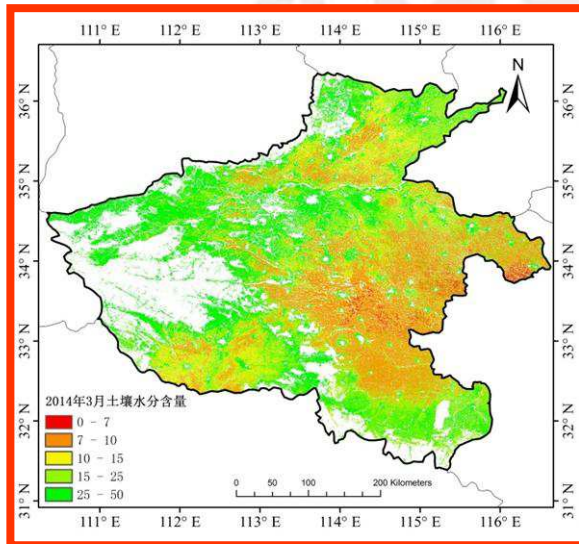


Monitoring of Water Bloom Over Tai Lake on Oct 15th, 2014

## 2. The application achievements of GaoFen-1



### 5. Soil moisture monitoring

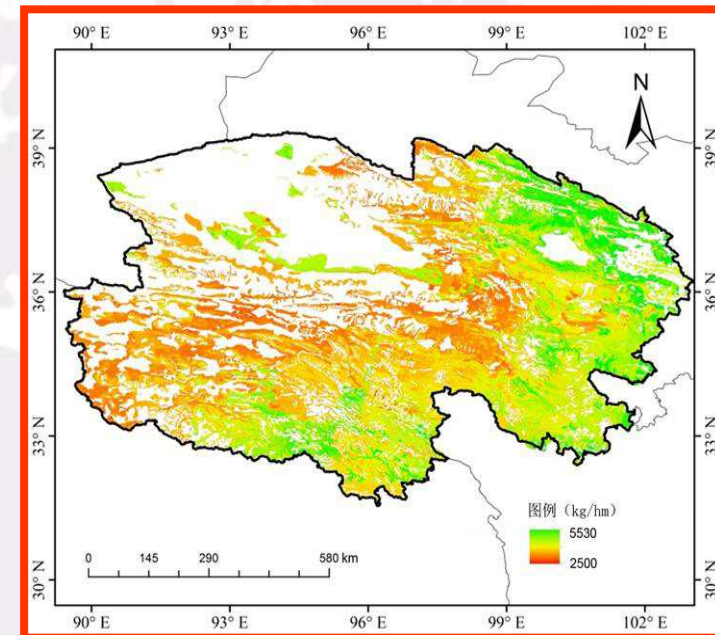
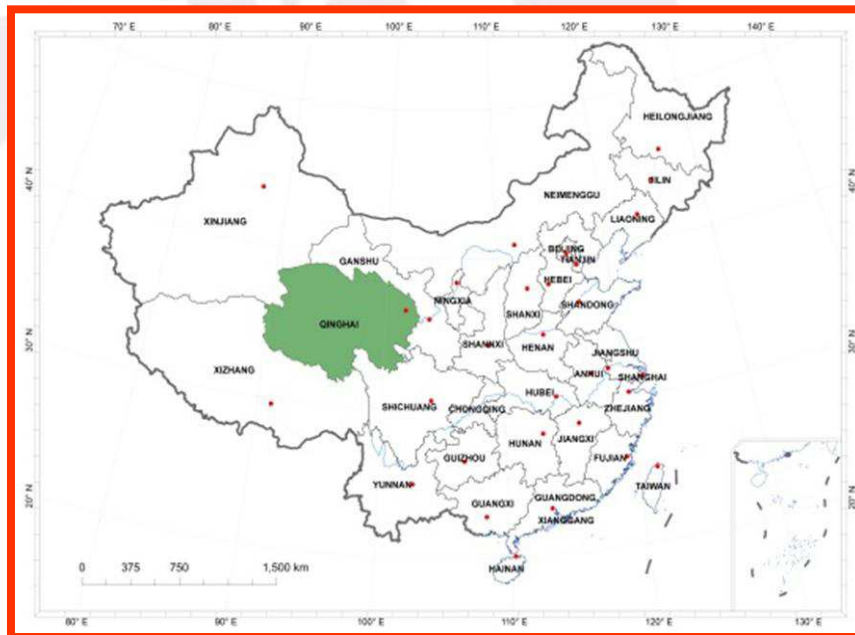


Soil Moisture Monitoring of Henan Province Marth-May, 2014

## 2. The application achievements of GaoFen-1



### 6. Grass yield estimation



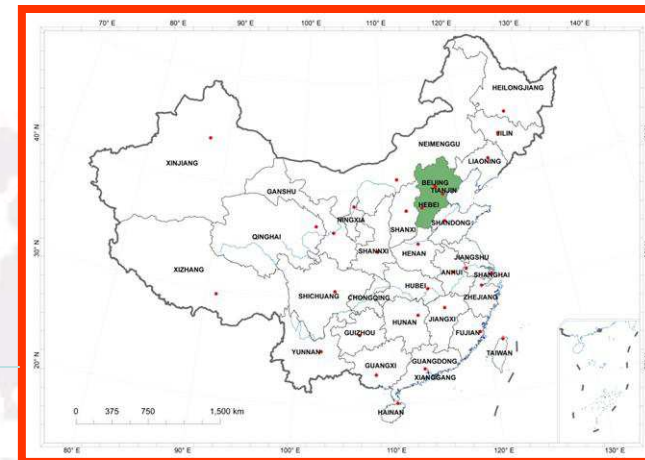
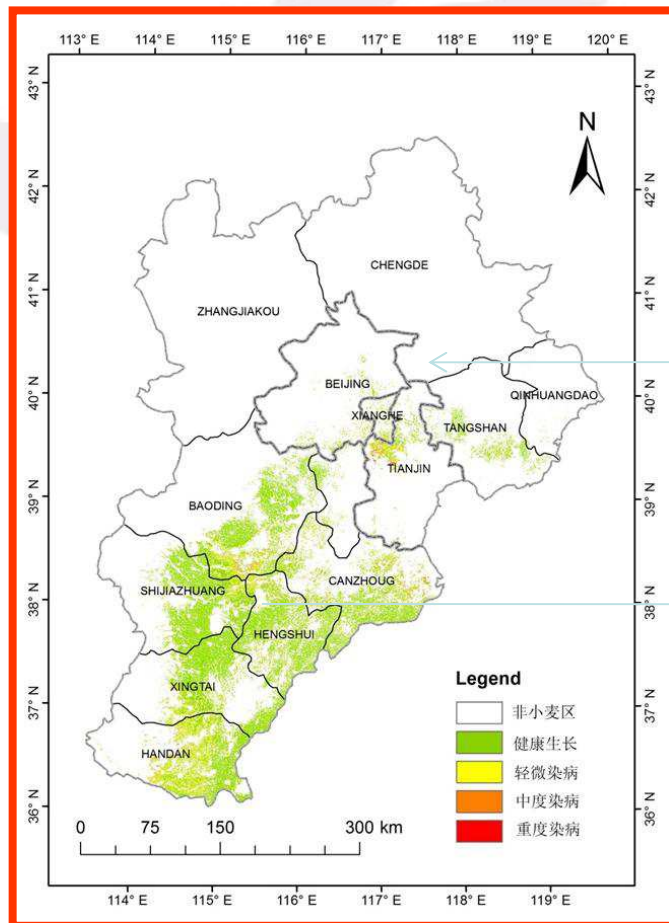
Grass Yield of Qinghai Province in 2014



## 2. The application achievements of GaoFen-1



### 7. Agricultural pests monitoring



Winter Wheat Powdery Mildew Incidence Degree in Hebei Province in May 2014

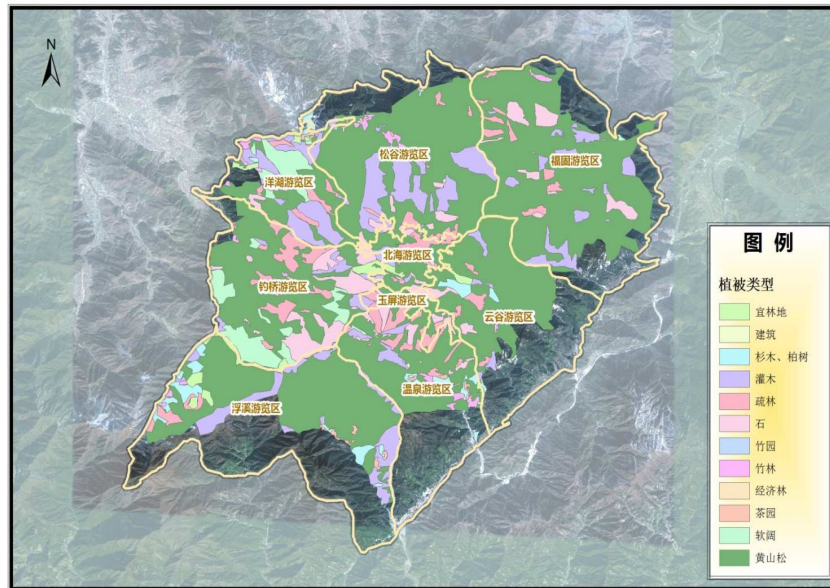


# 2. The application achievements of GaoFen-1



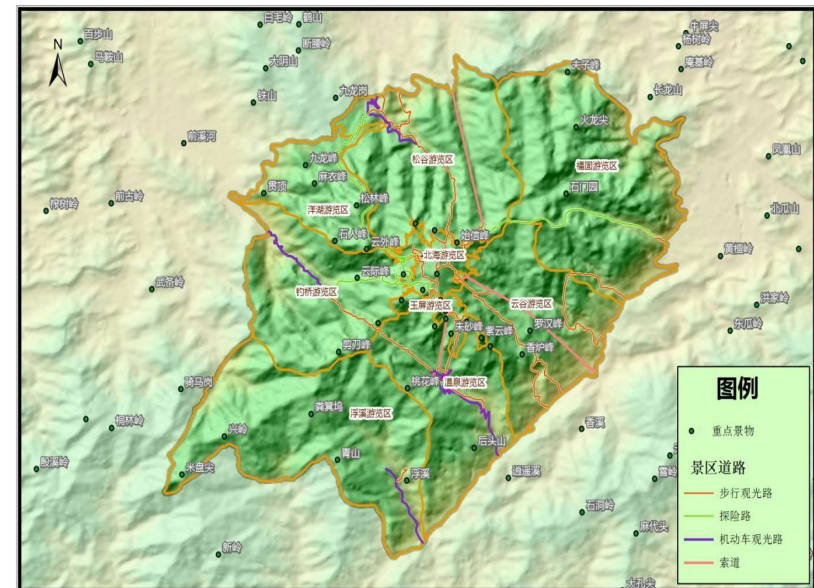
## 8. Monitoring of scenic area

### 黄山风景区植被分类专题产品



比例尺 :1:110,000 0 650 300 2,600 3,900 5,200 米 制图时间：2014年3月17日 制图单位：住建部规管中心风景处

### 黄山风景区基础设施设置产品



比例尺 :1:110,000 0 650 300 2,600 3,900 5,200 米 制图时间：2014年3月17日 制图单位：住建部规管中心风景处

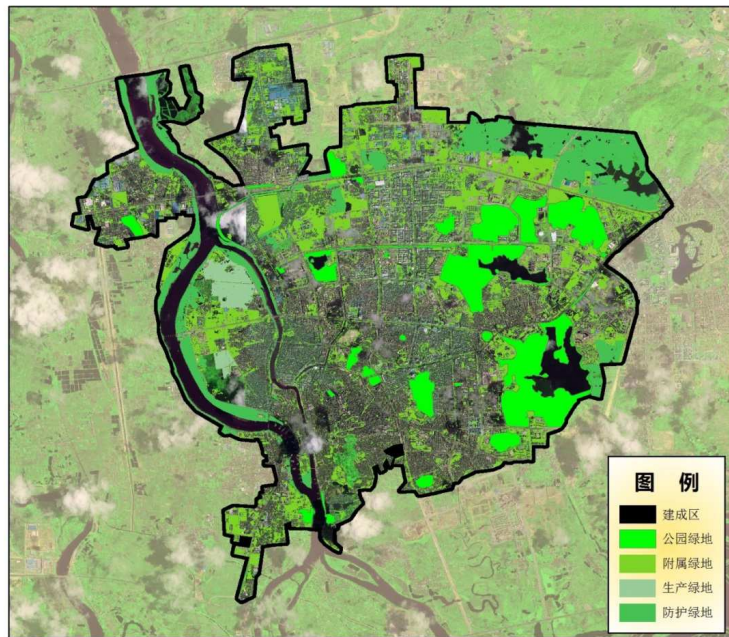
Vegetation of Mount Huangshan Scenic Area Classification and Infrastructure Survey Map

## 2. The application achievements of GaoFen-1



### 9. City fine management

阳江市江城区城市建成区现状绿地分类专题产品

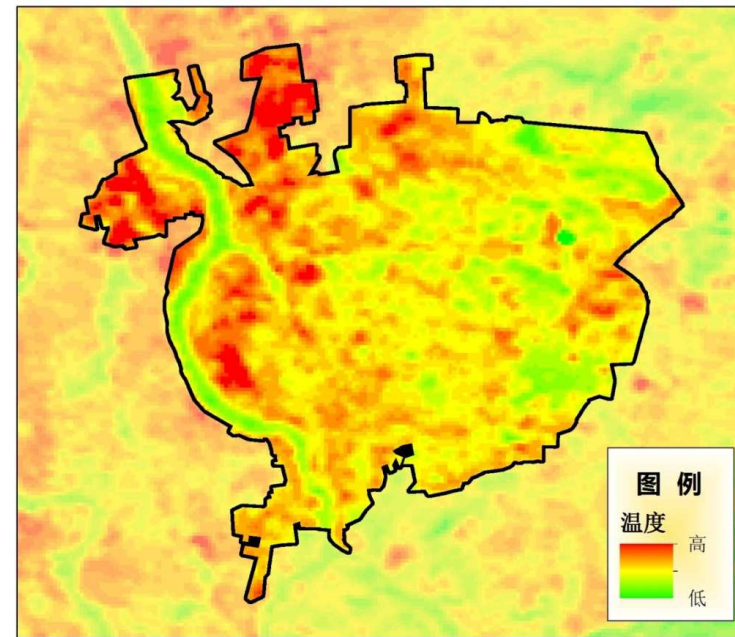


0 375 750 1.5 2.25 3 公里

比例尺 1:60,000

制图单位: 住建部规管中心  
制图时间: 2014年4月

阳江市江城区城市绿地系统现状评价专题产品——热岛效应



0 375 750 1.5 2.25 3 公里

比例尺 1:60,000

制图单位: 住建部规管中心  
制图时间: 2014年4月

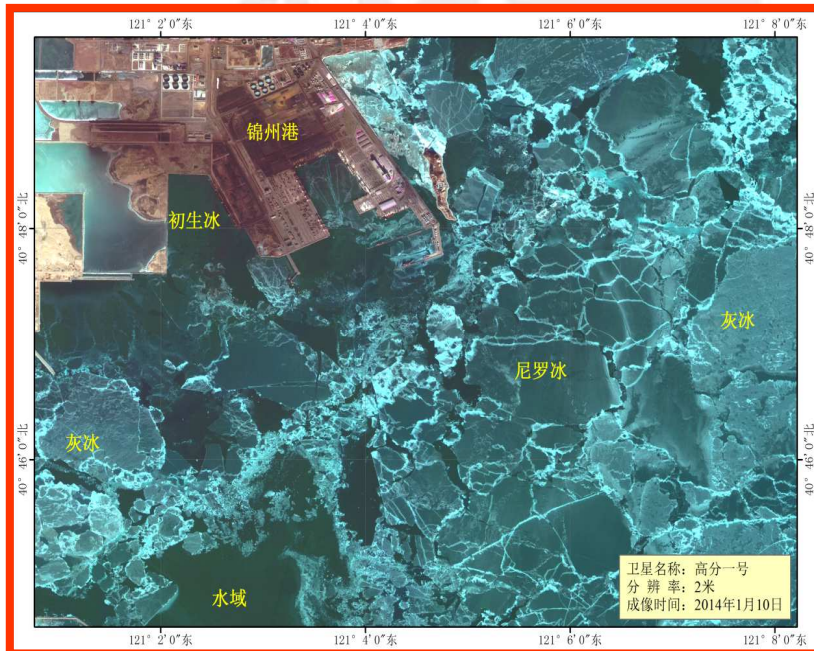
Green Space Distribution and Assessment of Urban Heat Island Effect



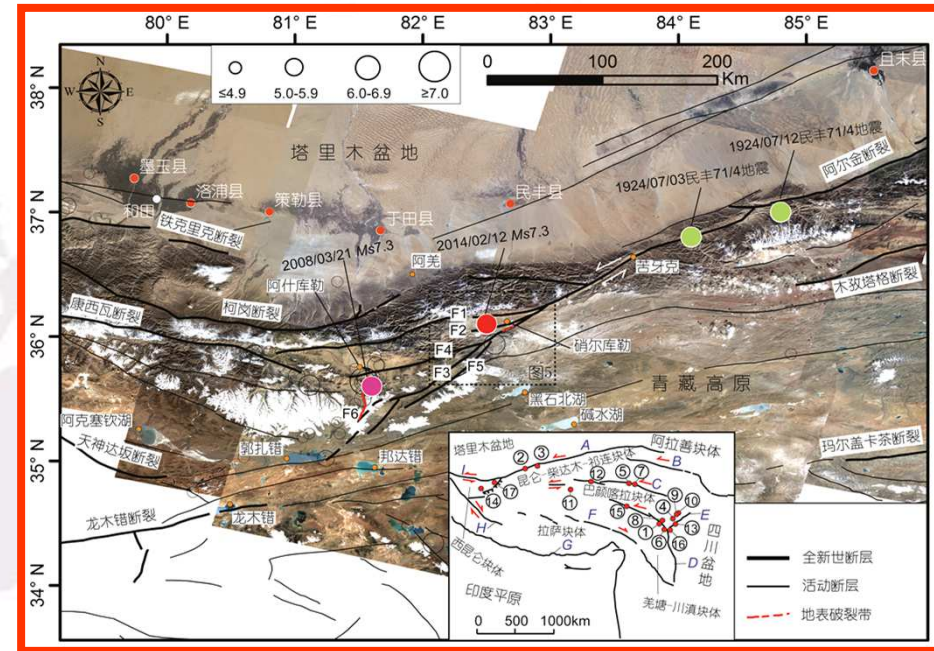
## 2. The application achievements of GaoFen-1



### 10. Other applications



sea ice distribution monitoring



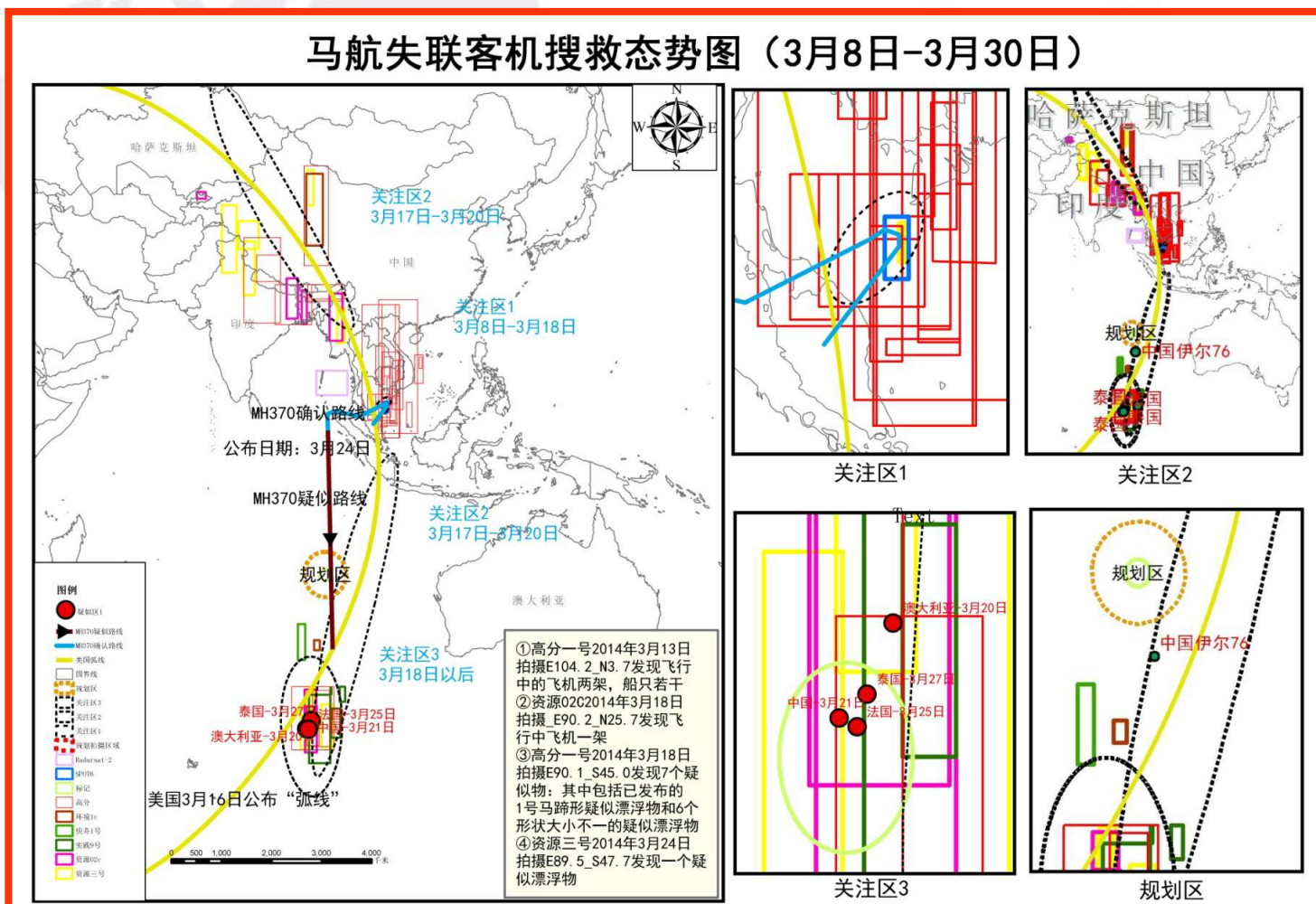
analysis of the fault belt of Xinjiang Yutian earthquake zone

# 2. The application achievements of GaoFen-1



## 11. International social service

### 马航失联客机搜救态势图 (3月8日-3月30日)





# Outlines



**1** The summarize

**2** The application achievements of GaoFen-1

**3** Brief introduction of GaoFen-2

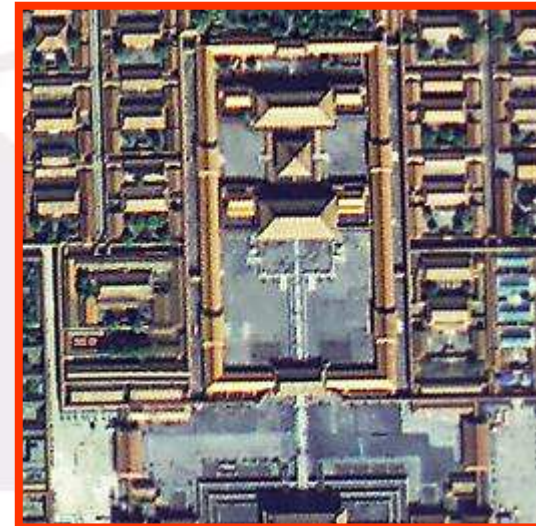
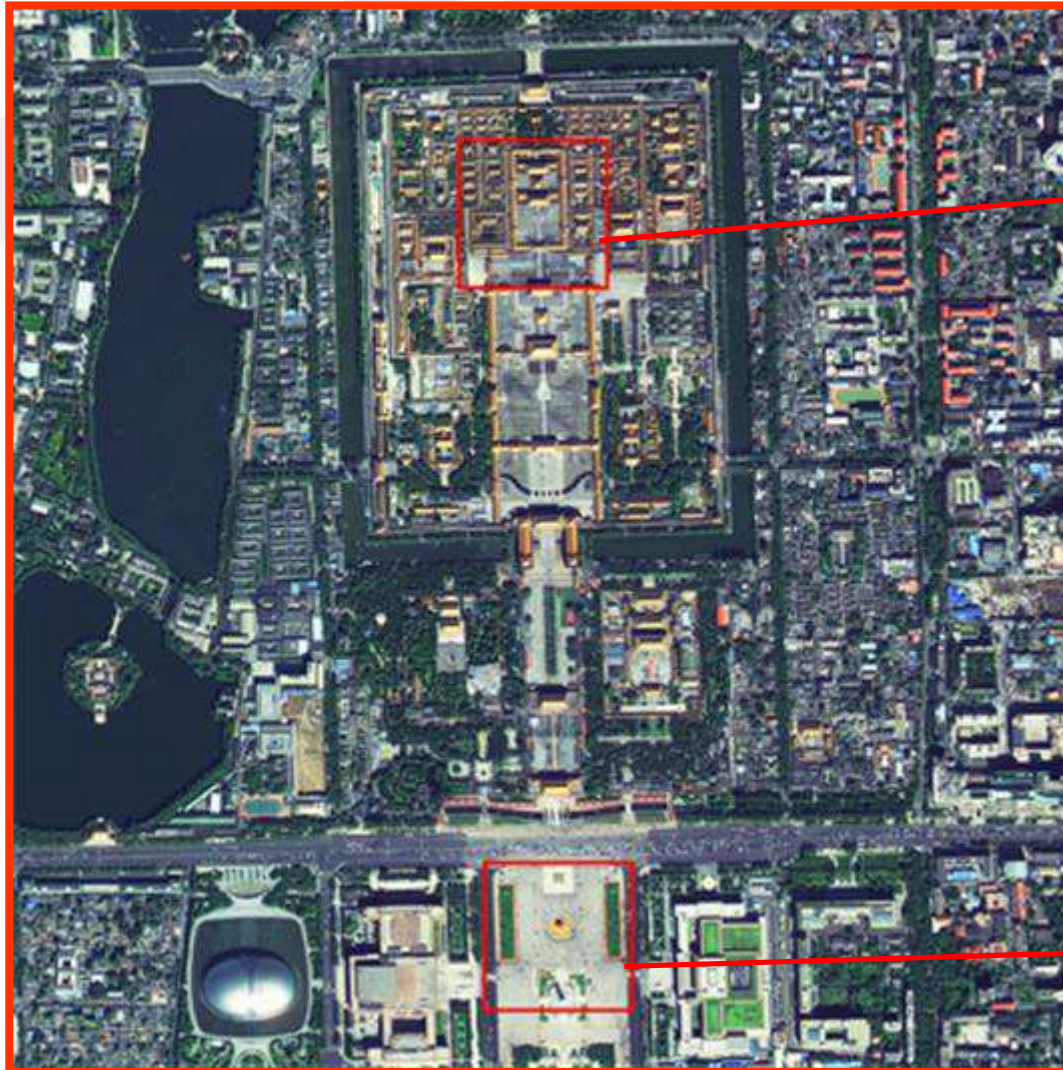
**4** Conclusions

### 3. Related simulations of GaoFen-2



GaoFen-2 on Orbit sketch map

### 3. Brief introduction of GaoFen-2





# Outlines



**1** The summarize

**2** The application achievements of GaoFen-1

**3** Brief introduction of GaoFen-2

**4** Conclusions



## 4. Conclusions



**Under the leadership of the government, China National Space Administration has made great effort to promote the implementation of China High Resolution System of Earth Observation, we would like to cooperate with the governments and space agencies all over the world, to promote the development of earth observation, in order to make new and even greater contributions to the economic and social development and the people's livelihood security!**

A faint, light purple world map is centered in the background of the slide.

Thank you!