

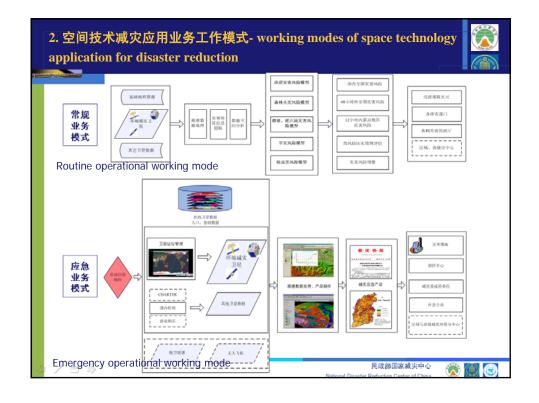




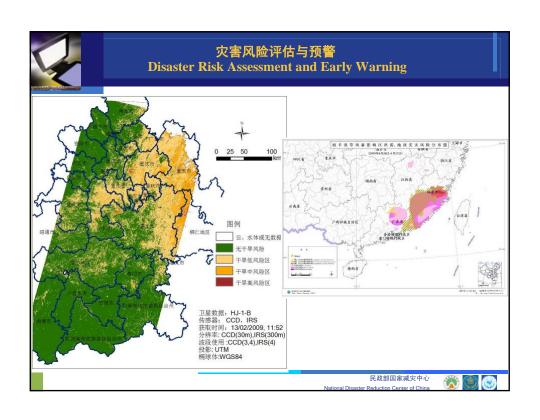
1.机构情况-National Disaster Reduction Center of China (NDRCC)

- ❖ 国家减灾中心于2002年4月批准成立,2003年6月正式组建,2009年2月,在此基础上,加挂卫星减灾应用中心。中心主要承担减灾救灾的政策法规、信息管理、灾害与风险评估、科技开发、宣传培训、国际交流、环境减灾卫星的运行管理和应用等职能,为国家减灾救灾提供信息服务、技术支持和辅助决策建议。
- National Disaster Reduction Center of China (NDRCC) was approved by State Council in 2002 and formally established in 2003, whose mission is to enhance national disaster management capacity by providing information, technology and consultant services for national disaster management. In 2009, Satellite Disaster Reduction Application Center (SDRAC) was joined into NDRCC. HJ satellites management and application were being added to the responsibilities of NDRCC.

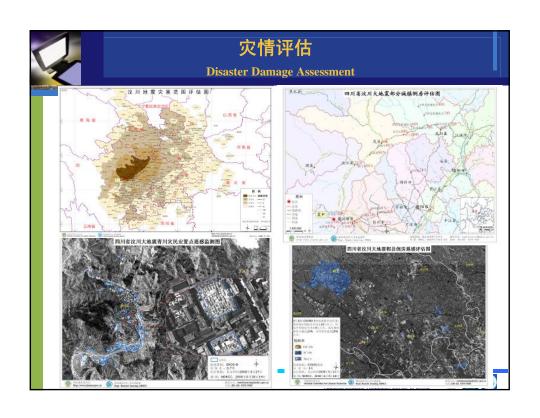




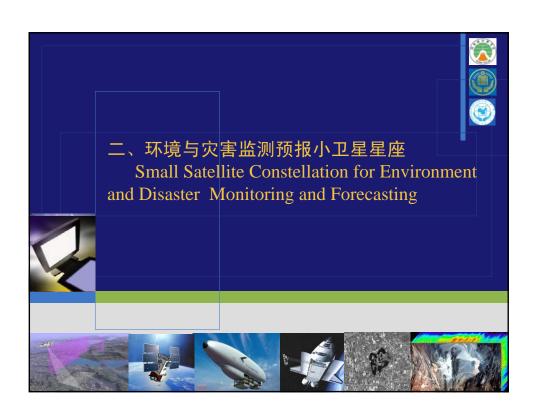










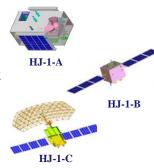




星座计划-Constellation Construction Plan

2008年9月,中国已经发射了2颗光学环境减灾卫星, 计划2011年发射1颗合成孔径雷达减灾卫星,最终计 划是由4颗光学卫星和4颗合成孔径雷达卫星组成的环 境减灾卫星星座。

On Sep.,6th 2008, China launched two optical **satellites named** H-1-A and HJ-1-B separately. A SAR small satellite will be launched in 2011. The final object is to realize the plan of a constellation consisting of **four optical satellites and four SAR satellites**.





1	
ı	
92	Name and Address of

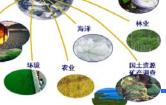
卫星参数-Satellite Parameters

	卫星 Satellite	载荷 Payload	空间分辨率 Spatial Resolution (m)	幅宽 Swath (km)	波段数 Band Number	
	HJ-1-A	CCD	30	700	4	
-		HSI	100	50	115	
	HJ-1-B	CCD	30	700	4	
		IRS	B1, B2, B3: 150 B4: 300	720	4	
	НЈ-1-С	SAR	SCAN mode: 15~25 Strip mode: 4~6	95~105 35~40	S-band	
民政部国家减灾中心						



应用领域—Application Fields

- ◆灾害监测与风险评估Natural and technical disasters monitoring and risk assessment;
- ◆灾害综合评估 Disaster damage assessment;
- ◆环境监测Environment monitoring;
- ◆ 土地利用数据更新Land cover/use data update;
- ◆ 灾害背景信息提取Disaster background information extraction;
- ◆ 矿物识别与矿产资源勘探Mineral identification are containen;
- ◆国土资源调查Land resources investigation,
- ◆其他领域Other fields.





卫星运行管理 Operation Management

- ◆ 国家减灾中心负责减灾小卫星星座运行管理工作。目前,卫星运行 指标正常、运行状态良好,共计成像3000多轨,成像时间累计400多小时。
- ♦ NDRCC is in charge of the operation management of the HJ satellites. Till now, the two satellites operation indicators is normal and the satellite is in good condition. There are totally more than 3,000 orbit of images has been acquired and the tasking time of the two satellites is more than 400 hours.



