



**Asia-Pacific
Economic Cooperation**

2017/SOM1/EPWG/023
Agenda Item: 7.2.4

Advanced Technologies

Purpose: Information
Submitted by: China



**11th Emergency Preparedness Working Group
Meeting
Nha Trang, Viet Nam
18-19 February 2017**



Disaster in China

Gao Kun
Department of International Cooperation

Ministry of Civil Affairs of the People's
Republic of China
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CONTENTS

- 1 Disaster in China
- 2 Typhoon in 2016




中华人民共和国科技部

2

Advanced technologies




中华人民共和国科技部

"13th five-year plan for DRR"

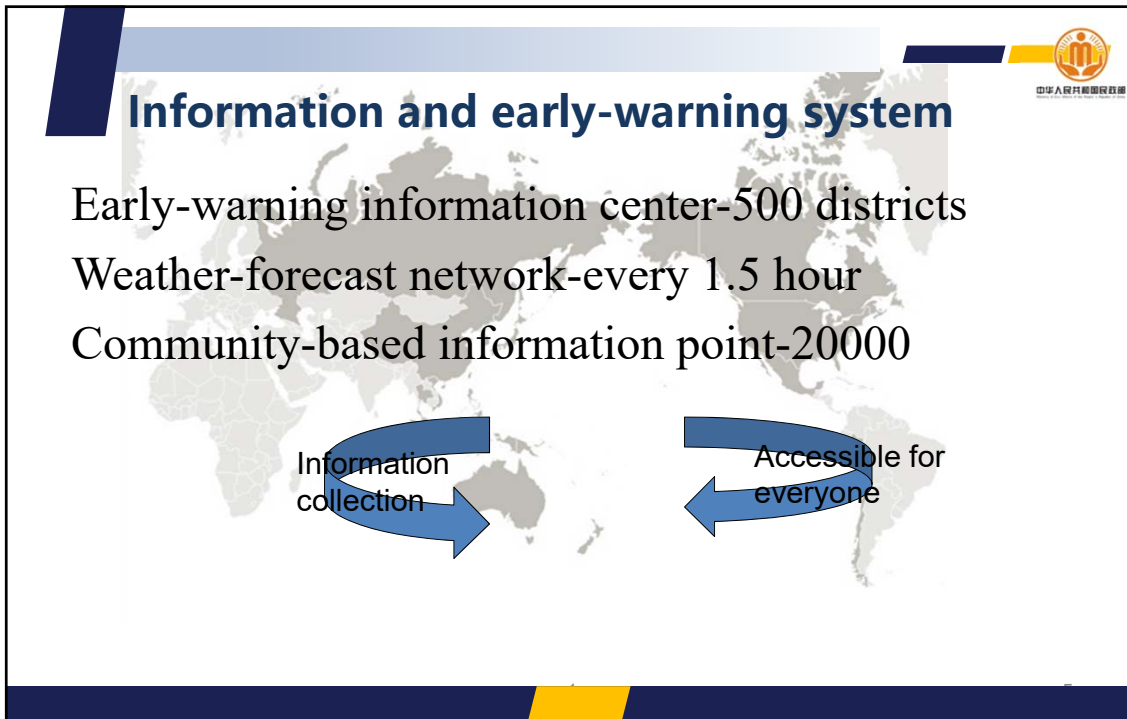
innovation

Scientific
research

Internet
+

Big-data

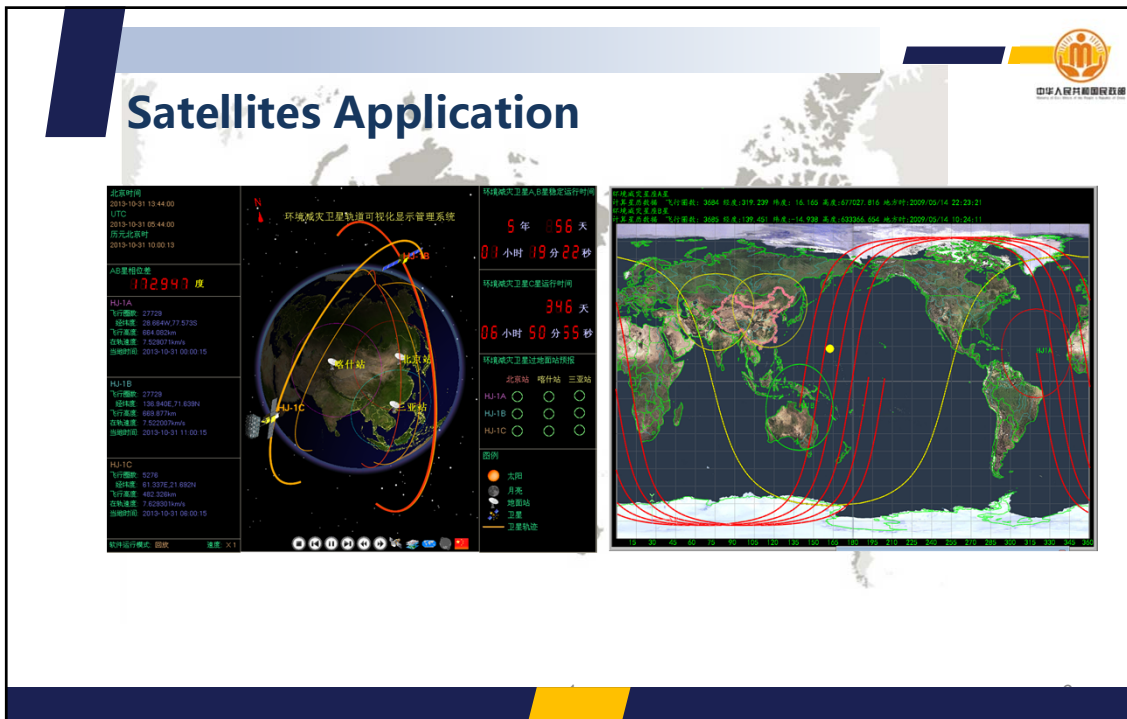
communica
tion



Information and early-warning system

Early-warning information center-500 districts
 Weather-forecast network-every 1.5 hour
 Community-based information point-20000

Information collection → ← Accessible for everyone



Satellites Application

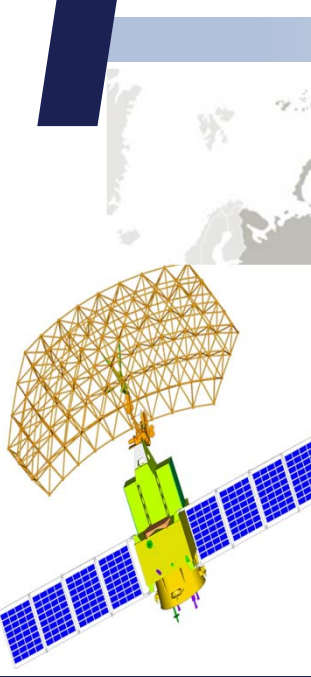
环境减灾卫星轨道可视化显示管理系统

环境减灾卫星C星运行时间
 5年 356天 01小时 19分 22秒

环境减灾卫星过海站时间
 346天 06小时 50分 55秒

环境减灾卫星过海站时间
 北半球 增升站 三亚站
 HJ-1A
 HJ-1B
 HJ-1C


图例
 ● 太阳
 ○ 月亮
 ● 海基站
 ○ 卫星
 —— 卫星轨道



Satellite for environment and disaster reduction, high-resolution satellite, meteorological satellite.

In August 2016, a launched a new high-resolution [Synthetic Aperture Radar](#) (SAR) imaging satellite

The Gaofen-3 is China's first SAR imaging satellite that is accurate to one meter in distance. It covers the globe with an all-weather, 24-hour observation service. It is capable of taking wide pictures of the earth and photographing [detailed scenarios](#) of specific areas. It will be used for disaster warning, weather forecasting, water resource [assessment](#) and [maritime](#) rights protection.




THANK YOU

August, 2016



1

8