

# Progress and Updates of IRDR CHINA

Report on Activities: December 2015- April 2016

**IRDR CHINA Established October, 2010**

*IRDR Science Committee Meeting, Paris, France, May 2016*



A group photo of the IRDR CHINA

- **40** members from research institutions, universities, media, state agencies...
- **15** nation-wide scientific associations
- **Top experts** in main areas of disaster risk reduction research, atmospheric sciences, economists, public health, psychologists, and policy.
- **Work plan** for 2015-2017

# Main activities of IRDR CHINA (December 2015- April 2016)

**1**

**Strategic Support on DRR  
for “One Belt One Road”**

**2**

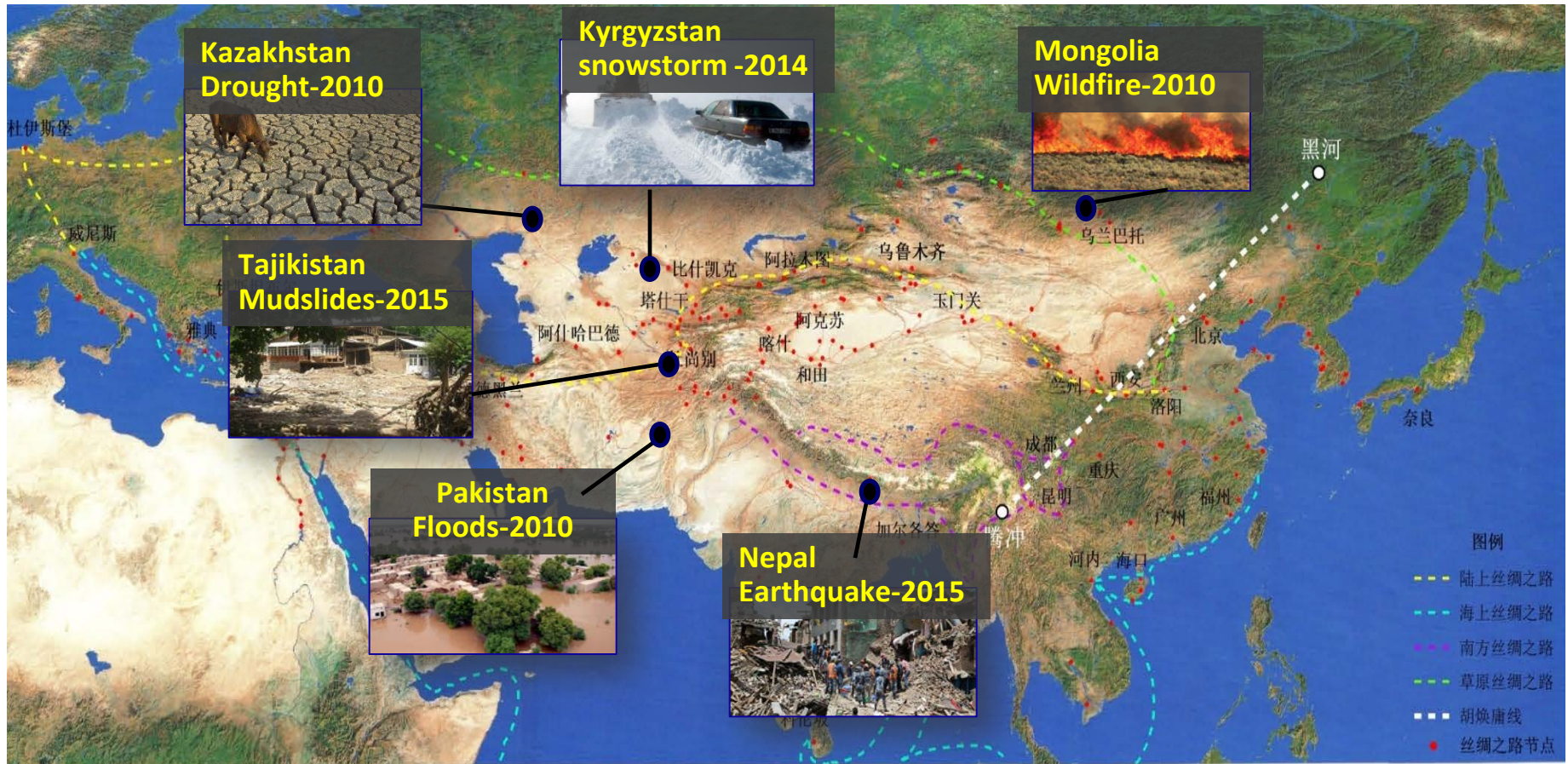
**Linking Science & Technology  
and Policy in China**

**3**

**Capacity Building for DRR**

# Strategic Support: "One Belt One Road"





Disaster risk remains high and is a big challenge for the sustainable development of the “One Belt One Road” countries

# International Symposium on EO for Maritime Silk Road



International Symposium on Earth Observation  
for Maritime Silk Road

海上丝绸之路空间认知国际研讨会

No. 25-27 2015

Sanya, China

28 countries

300 participants

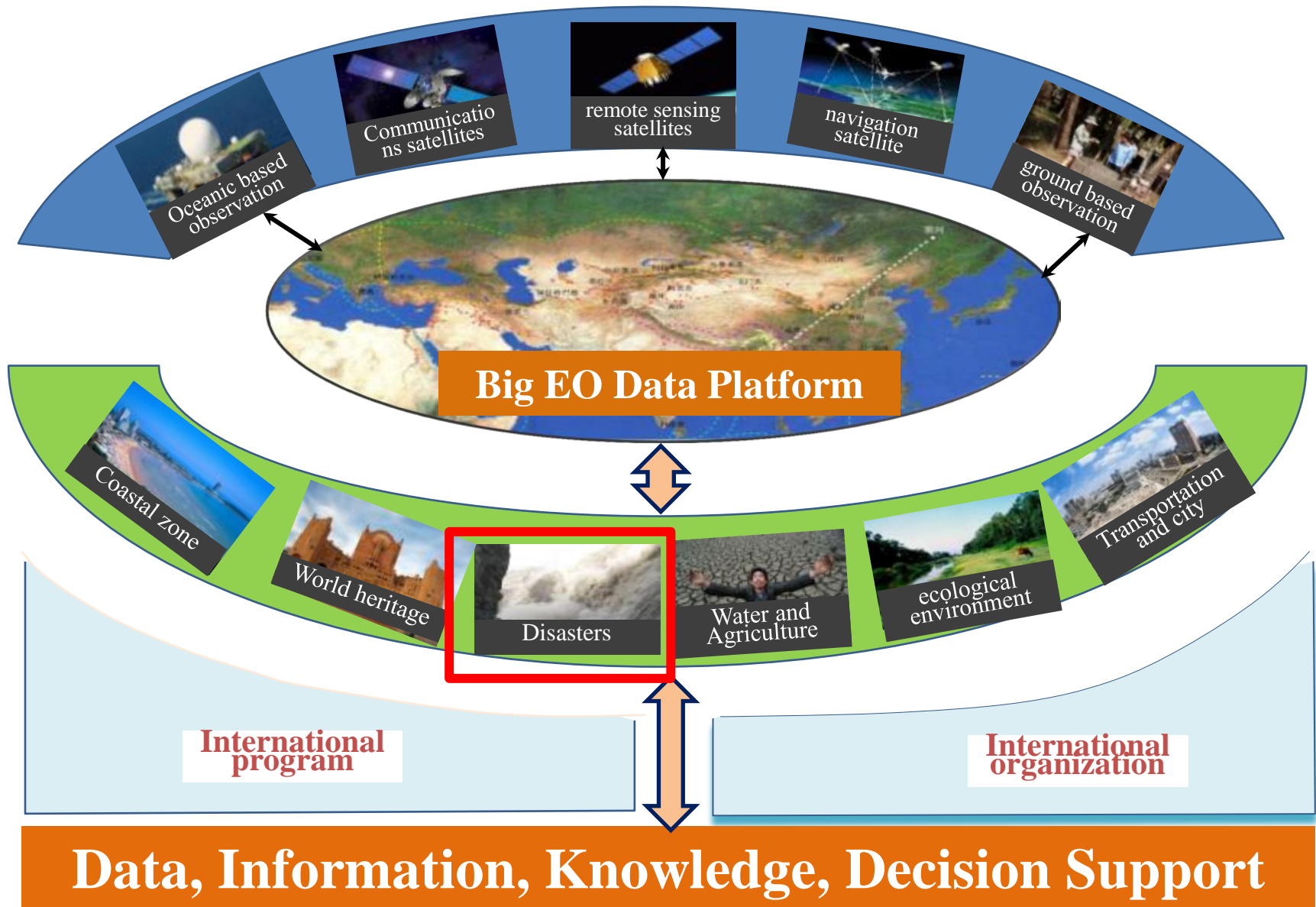


Co-hosted by

-  International Centre on Space Technologies for Natural and Cultural Heritage (HIST) under the auspices of UNESCO
-  International Society for Digital Earth (ISDE)
-  CAS-TWAS Centre of Excellence on Space Technology for Disaster Mitigation (SDIM)
-  China Committee for Integrated Research on Disaster Risk (IRDR CHINA)



# Digital Silk Road







# Linking Science & Technology and Policy in China



IRDR CHINA annual meeting on March 2016

## Policy

A committee member of IRDR China was appointed as China's **Vice-Minister** of Environmental Protection

## Academic achievement

**2 new** academicians of CAS  
S & T plan of China (disaster)  
New funding opportunities

Launch a project for serial strategic reports on DRR for “One Belt One Road”

**2016-DRR strategies in China's new urbanization process**

# Linking Science & Technology and Policy in China



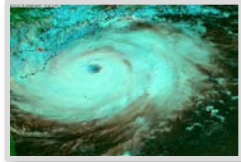
## WG on Earthquake and Geo-hazard Risk

*Co-chairs:* CUI Peng and WANG Xiaoqing



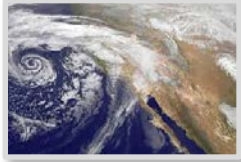
## WG on Drought and Floods Risk

*Co-chairs:* CHENG Xiaotao and XIA Jun



## WG on Severe Storm Risk

*Co-chairs:* DUAN Yihong and LI Jianping



## WG on Climate Change Driven Disaster Risks

*Co-chairs:* JIA Gensuo and FENG Qiang



## WG on Disaster Risk in Urban Areas

*Co-chairs:* PAN Jiahua



## WG on Assessment of Integrated Research on Disaster Risk in China

*Co-chairs:* CHEN Fang and XUE Lan

从灾害管理到灾害风险管理  
——中国灾害风险综合研究（草稿）

1. 报告的背景和目标  
说明灾害风险管理是保障可持续发展目标目标和公约的关键手段，如全球 60 亿美元的灾害风险管理投资，带来减少灾害风险的收益达到 3600 亿美元（1：60）-GAR 2015 报告
2. 灾害风险综合研究的意义  
灾害风险管理涉及到科学、经济、政策、法律等多方面事宜，灾害风险综合研究是科学实施灾害风险管理的保障
3. 从灾害管理到灾害风险管理-以中国新型城镇化建设为例  
--地震与地质灾害风险管理  
四点主要内容：新型城镇化建设为何需关注地震与地质灾害风险、中国新型城镇化建设中的地震与地质灾害风险管理涉及到

目录  
我国  
约 1  
增强  
委员  
质结

潘义宏、李建平、陈大可、张鹏

一、“风暴灾害风险综合研究”重点领域工作组概况  
（与王上义、王（2000 年））

**IRDR CHINA 重点领域工作组设计框架**  
——中国灾害风险综合研究的评估  
组长：陈万、滕澜

**IRDR CHINA 重点领域工作组设计框架**  
——城镇灾害风险综合研究

三、 报告大纲

一带一路灾害风险综合研究战略报告（草稿）

- (1) 报告的背景和目标
- (2) 一带一路灾害风险的宏观情况（包括灾害情况、各国现有主要减灾体制机制、减灾合作情况、减灾对其区域经济发展的影响等）
- (3) “一带一路”地震与地质灾害风险综合研究关注的重点方向与发展分析
- (4) “一带一路”水旱灾害风险综合研究关注的重点方向与发展分析
- (5) “一带一路”风暴灾害风险综合研究关注的重点方向与发展分析
- (6) “一带一路”气候变化灾害风险综合研究关注的重点方向与发展分析

合研究

框架

灾风险综合研究

人口先，杂，地区难以

# Linking Science & Technology and Policy in China

- **National launch** of the Global Assessment Report 2015 and dialogue on implementation of the Sendai Framework
- **Science-Policy dialogue** for Implementation of the Sendai Framework: Towards science based DRR policy development for risk resilient Asia




**LAUNCHING THE GAR 15**  
2015年减轻灾害风险全球评估报告北京发布会暨联合国减轻灾害风险仙台框架实施讨论会

Venue: Institute of Remote Sensing and Digital Earth (Conference Room 801)  
No. 9 Dengzhong South Road

TIME & DATE: Friday, 04 December 2015, 09:00-12:00

CO-ORGANIZERS: Institute of Remote Sensing and Digital Earth, CAS  
IRDR Chinese National Committee (IRDR CHINA)  
CAS-TWAS Centre of Excellence on Space Technology for Disaster Mitigation (SIDIM)

**Presentations:**

1. Launching the Global Assessment Report on Disaster Risk Reduction 2015  
 2015年减轻灾害风险全球评估报告北京发布会暨联合国减轻灾害风险仙台框架实施讨论会  
 2015年减轻灾害风险全球评估报告(GAR) 15的发布是国际减灾十年(2009-2015)的重要成果，也是全球减灾事业迈向2030年可持续发展目标的重要里程碑。会议将介绍报告的主要内容和亮点，并探讨如何将报告成果转化为减灾政策和行动。
2. Introducing The Sendai Framework  
 2015年仙台框架的发布是国际减灾十年(2009-2015)的重要成果，也是全球减灾事业迈向2030年可持续发展目标的重要里程碑。会议将介绍框架的主要内容和亮点，并探讨如何将框架成果转化为减灾政策和行动。
3. Panel Discussion  
 2015年仙台框架的发布是国际减灾十年(2009-2015)的重要成果，也是全球减灾事业迈向2030年可持续发展目标的重要里程碑。会议将介绍框架的主要内容和亮点，并探讨如何将框架成果转化为减灾政策和行动。
4. Questions & Answers
5. Closing Remarks



# Capacity Building for DRR

## International Training Workshop on Disaster Risk Reduction in Developing Countries: Scientific and Practical Methods

(Nov.23 to Dec.4 2015) The workshop received **over 130 applications** from over 50 developing countries and **23 applicants from 17 developing countries** including Pakistan, Myanmar, Malaysia, Nepal, Mongolia and Kyrgyzstan were enrolled.



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for the advancement of science in developing countries

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 **UNISDR**  
The United Nations Office for Disaster Risk Reduction

Connect and convince to reduce disaster impacts

WHO WE ARE | WHAT WE DO | WHERE WE WORK | WHO WE WORK WITH

HOME | WHAT WE DO | WE INFORM | EVENTS

**3rd International Training Workshop on Space Technology for Disaster Mitigation**

Type: Training Course  
Organizer: Chinese Academy of Sciences (CAS)

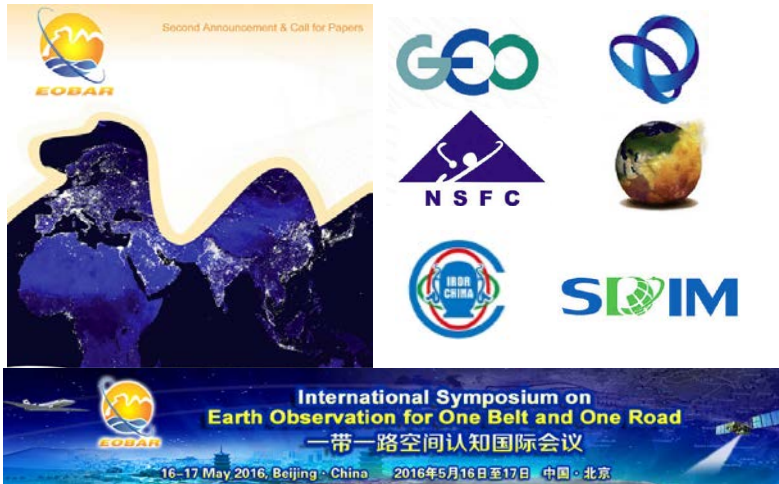
Other organizer: Institute of Remote Sensing and Digital Earth, (RADI)  
Host: CAS-TWAS Centre of Excellence on Space Technology for Disaster Mitigation (SDIM)  
Date: 23 Nov - 04 Dec 2015 (tentative)  
Location: China (Sanya)

Experts from international institutions across the globe will share their experiences working in space technology for disaster mitigation, an increasingly critical field. The centre is jointly sponsored by TWAS and the Chinese Academy of Sciences (CAS), and hosted by the CAS Institute of Remote Sensing and Digital Earth.

  
**Regional Platforms for Disaster Risk Reduction**  
unisdr.org/we/coordinate/regional-platforms

Regional Platforms for Disaster Risk Reduction take place from Africa to the Pacific.

## The International Symposium on EO for One Belt and One Road



## High-Level Science Conference on DRR in Silk Road Economic Belt



**The Xiangshan Science Conferences (XSSC)** promotes multi- or inter-disciplinary research, overall comprehensive studies, innovative thinking and knowledge innovation

## DRR Workshop in Digital Earth Summit



## Strategic Report on DRR in OBOR



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### IRDR CHINA 战略报告撰写及工作组后续工作事宜

2月, IRDR CHINA 二届一次会议决定成立相关工作组, 开展综合研究科学智库建设, 通过多学科交叉协作的方式提供有影响力的灾害风险综合研究发展建议和战略报告, 开展智库建设工作, 为国家综合减灾发展政策决策提供重要支撑。IRDR CHINA 于6月在青岛召开会议, 决定在战略发展方面着眼于服务国家利益, 围绕国家战略需求, 将“一带一路综合研究”作为重点工作方向, 并在经费方面, 对每个工作组。

### 报告撰写工作安排

工作组组长进行邮件讨论, 对战略报告大纲草案形成初步共识。

召开工作组组长会议, 完善大纲和细化重点内容, 明确撰写机制、时间安排及任务分工。



**Thank you !**