

2nd Asian Science and Technology Conference for Disaster Risk Reduction

Science-Policy dialogue for Implementation of the Sendai Framework

Location: Beijing, China

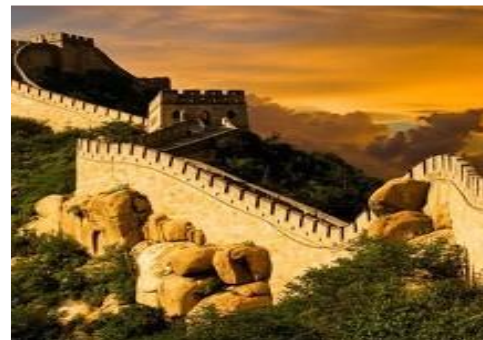
Time: 17-18 April 2018



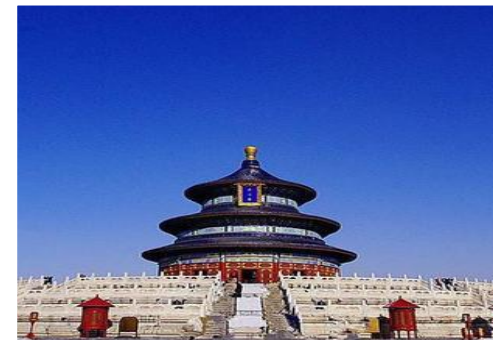
The Beijing International conference Center



The Night View of CBD



The Great Wall



The Heaven Temple

Hosts:

Board of Experts, China National Commission for National Disaster Reduction
Ministry of Civil Affairs of the People's Republic of China
Ministry of Emergency Management of the People's Republic of China
Beijing Normal University, China
United Nations Office for Disaster Risk Reduction

Organizers:

Academy of Disaster Reduction and Emergency Management /
Faculty of Geographical Science, Beijing Normal University, China
National Disaster Reduction Center of China, Ministry of Emergency
Management, P.R. China

Partners:

Integrated Research on Disaster Risk
United Nations Office for Outer Space Affairs
World Meteorological Organization
Chinese National Committee / IRG for Future Earth
The Geographical Society of China

Goals

- **Review** the progress on the outcome of the 1st Asia Science and Technology Conference
- **Review** the progress in the commitments made by the Asian science, technology and academia community through regional and global conferences, in particular, the Voluntary Action Statement made at the AMCDRR 2016 in preparation for the AMCDRR 2018 in Mongolia.
- **Renew** the commitments and promote development / revision of science based national and local DRR strategies.
- **Identify** priorities of work for future.
- Continue **sharing** good practice in application of science and technology in disaster risk reduction.

Agenda

APRIL 17

A. Opening Ceremony

Chair:	Mr. PANG Chenmin, Director General, Department of Disaster Relief, Ministry of Emergency Management of China
9:00-9:20	Opening Remarks by Dr. ZHENG Guoguang, Vice Minister, Ministry of Emergency Management of China, Administrator of China Earthquake Administration Video Message by Ms. MIZUTORI Mami, UNISDR SRSG Opening Remarks by Prof. CHENG Jianping, Chair of BNU
9:20-9:50	Key Note Speech I Prof. QIN Dahe (Chinese Academy of Sciences) Title: Climate change and its impact
9:50-10:00	Tea Break

B. Thematic Session 1

Context Setting : A Review of Progress on Science and Technology Roadmap for Disaster Risk Reduction in Asia

Chairs:	Prof. SHAW Rajib, STAG&ASTAAG-UNISDR; Prof. YANG Saini, BNU, ASTAAG-UNISDR
Panelists:	Dr. ZODROW Irina Verena (UNISDR) Dr. DJALANTE Riyanti (Institute for the Advanced Study of Sustainability, UNU) Dr. WEESAKUL Sutat (HAIL, Thailand) Dr. SRIVASTAVA Sanjay (United Nations Economic and Social Commission for Asia and the Pacific) Prof. GU Xingfa (IRSA-CAS, China) Dr. ZHOU Hongjian, NDRCC, MEM, China
10:00-11:20	Presentations on progress in — Review since the adoption of Global Roadmap for Disaster Risk Reduction — Update on Asia since 1st ASTCDRR Conference in Bangkok & AMCDRR 2016 — Current priorities – National DRR plans and Sendai Monitor; the role of science and technology for Disaster Risk Reduction

C. Thematic Session 2

Progress on Understanding Risk in Asia (Sendai Priority 1)

Chairs:	Prof. HAN Qunli, IRDR; Prof. CUI Peng, IMHE-CAS, China
Panelists:	Prof. LWASA Shuaib (CAES, Uganda) Prof. CHAN Emily (HKCU, Hongkong, China) Prof. FAKHRUDDI Bapon (EWACC, Bangladesh) Prof. SHAN Wei (North Forestry University, China) Prof. HAYASHI Haruo (DRPI, Kyoto University, Japan) Prof. KALONJI Gretchen (Sichuan University, China)
11:20-12:40	Presentations on progress in — Disaster loss & damage accounting — Disaster risk mapping technologies — Regional exchange on disaster risk information
12:40-14:30	Lunch (Cuilanxuan Restaurant, First Floor)

D. Thematic Session 3

Progress on strengthening disaster risk governance in Asia (Sendai priority 2)

Chairs:	Dr. RAVAN Shirish Kumar, UNOOSA; Prof. YANG Siqian, NDRCC, China
Panelists:	Dr. JIANG Lingling (ADPC) Prof. TRIUTOMO Sugeng (Indonesia) Dr. LI Suji (NDRCC, MEM, China) Prof. GONG Huili (CNU, China) Mr. JEGILLOS Sanny (UNDP) Mr. POUWELS Ron (rpouwels@unicef.org)
14:30-15:50	Presentations on progress in — Strengthening the science-policy nexus — Development of national S&T plans to support Sendai — Partnership with local communities
15:50-16:00	Tea Break

E. Thematic Session 4

Progress on investing in DRR for resilience in Asia (Sendai priority 3)

Chairs:	Prof. KASUGA Fumiko, Future Earth-ICSU; Prof. FU Bojie, NSFC, China
Panelists:	Dr. SILLMANN Jana (Cicero, Norway, WCRP and IRDR) Prof. IZUMI Takako (Tohoku University, Japan) Prof. JIA Gensuo, Institute of Atmospheric Physics, CAS Prof. CHENG Xiaotao (Institute of Water Resources and Hydropower Research, China) Prof. LIU Min (East China Normal University, China) Prof. TATANO Hirokazu (DPRI, Kyoto University, Japan)
16:00-17:20	Presentations on progress in — Networking with universities on joint research for applied DRR — Public-private partnerships to strengthen disaster resilience — Developing cadres of young applied DRR researchers, particularly women

F. Welcome Banquet by Co-hosts

Chair:	Mr. KANG Peng, Director General, Department of International Cooperation, Ministry of Civil Affairs of China
18:30-18:40	Toast by Representative of MCA, China
18:40-20:00	Dinner (Cuilanxuan Restaurant, First Floor)

APRIL 18

A. Opening Session

Chair:	Prof. SHI Peijun, BNU, China
09:00-09:10	Review of Day 1 by Prof. SHAW Rajib
09:10-09:40	Key Note Speech II Prof. PEREIRA Joy Jacqueline, Universiti Kebangsaan Malaysia, Malaysia Title: Science , Technology and Innovation for Implementing the Sendai Framework and Bridging Disaster Risk Reduction to Climate Change Adaptation
09:10-09:40	Tea Break

B. Thematic Session 5

Progress on enhancing preparedness for response & recovery (Sendai priority 4)

Chairs:	Dr. ZHANG Weijian, WMO; Prof. ZHOU Chenghu, IGSNRR-CAS, China
Panelists:	Prof. PEREIRA Joy Jacqueline (UKM, Malaysia) Dr. SONG Lianchun(CMA, China) Prof. KOIKE Toshio (ICHARM, Japan) Prof. ZHANG Qiang (Beijing Normal University, China) Prof. SHARMA Vinod (IIPA, India) Prof. GLANTZ Michael (University of Colorado)
09:40-11:00	Presentations on progress in — Applied research in pre-disaster planning — Public-private partnerships around ICT and big data — Applied research on whole of society engagement on DRR

C. Thematic Session 6

Regional Collaboration on applications of S&T in preventing future risk

Chairs:	Dr. HAN Guoyi, SEI, Sweden; Prof. ZHANG Renhe, Fudan University, China
Panelists:	Ms. RAFLIANA Irina (ICIAR LIPI, Indonesia) Prof. HANDMER John (the Royal Melbourne Institute of Technology, Australia) Dr. LECKEBUSCH Gregor (University of Birmingham, UK) Prof. OKADA Norio (Kyoto University, Japan) Prof. QI Ye (Tsinghua University, China) Dr. SONG Sha (World Economic Forum)
11:00 – 12:20	Topics — Unpacking Target E of Sendai Framework — Disaster Risk Reduction for OBOR — Resilient Infrastructure
12:20 – 14:00	Lunch (Four Season Coffee Shop, First Floor)

D. Summary and Wrap up

Chairs:	Prof. LIU Lianyou, Beijing Normal University, China
14:00 – 14:35	Chairs and rapporteurs summarize all sessions Session I: YE Tao Session II: YANG Jing Session III: HUANG Qingxu Session IV: CHEN Bo Session V: LIU Kai Session VI: LI Ning
14:35 –14:50	Tea Break

E. Way forward: Taking the science and technology agenda forward in Asia

Chairs:	Dr. GIRARDET Loretta Hieber, UNISDR; Prof. SHI Peijun, ASTAAG-UNISDR
14:50-16:30	Discussion and Presentation of the outcome document followed by plenary discussion

F. Closing Ceremony

Chair:	Ms. CHAI Mei, Deputy Director-General, Department of International Cooperation, Ministry of Civil Affairs, China
16:30-16:40	Closing Remarks by Mr. YIN Benjie, Deputy Director General, Department of Disaster Relief, Ministry of Emergency Management of China
16:40-16:50	Closing Remarks by Dr. GIRARDET Loretta Hieber, UNISDR
16:50-17:00	Remarks for the 3rd ASTCDRR Conference by Mr. Hon. Dato' WAZIR Muhammad Yusoff, Deputy Director General (Post Disaster), National Disaster Management Agency, Malaysia

Thematic Sessions

Thematic Session	International Agency	Chair/Contacts	Domestic Agency	Chair/Contacts
Context setting : A review of progress on Science and Technology Roadmap in Asia	ASTAAG-UNISDR	Rajib Shaw	Secretariat of ASTAAG-UNISDR	Saini Yang
Progress on understanding risk in Asia (Sendai Priority 1)	IRDR-ICSU	Qunli Han	Institute of Mountain Hazards and Environment - CAS	Peng,Cui
Progress on strengthening disaster risk governance in Asia (Sendai priority 2)	UNSPIDER	Shirish Ravan	The Institute of Remote Sensing and Digital Earth - CAS	Huadong Guo
Progress on investing in DRR for resilience in Asia (Sendai priority 3)	Future Earth-ICSU	Fumiko	International Geographical Union	Bojie Fu
Progress on enhancing preparedness for response & recovery (Sendai priority 4)	DRR Programme - WMO	Wenjian Zhang	IGNSRR-CAS	Chenghu Zhou
Regional Collaboration on applications of S&T in preventing future risk	SEI/IRG-Future Earth	Guoyi Han	Fudan University	Renhe Zhang

Science & Technology into Action

Disaster Risk Reduction Perspectives from Asia
Asia Science Technology Academia Advisory Group
(ASTAAG)

The publication identifies examples and good practices of implementation of these action points, identifying the role of science and technology in each. This is a unique way of bridging the gap between Science and policy.

-Loretta Hieber Girardet
Chief, UNISDR Asia and Pacific Region



Four priorities in Sendai Framework	Twelve priority actions for S&T in DRR in Asia	Number of Cases
Priority 1 Understanding Disaster Risk	Action I-Enhance disaster loss and damage accounting	3
	Action II-Use space and disaster risk mapping technologies	3
	Action III-Strengthen regional exchange on disaster risk information and science	2
Priority 2 Disaster Risk Government	Action IV-Strengthen science-policy-practice nexus at all levels	2
	Action V-Develop inter-disciplinary national science and technology plans	3
	Action VI-Enhance collaboration between local governments, academia and other partners	3
Priority 3 Invest in DRR for Resilience	Action VII-Make DRR an area of focus within education including networking between universities	2
	Action VIII-Ensure risk-sensitive investments	1
	Action IX-Develop young professionals in the field of multi-disciplinary disaster risk reduction	2
Priority 4 Enhance disaster preparedness for effective response and to Build Back Better	Action X-Promote the role of inter-disciplinary science and technology in effective pre-disaster, 47 planning preparedness, response, rehabilitation, recovery and reconstruction	2
	Action XI-Develop an efficient and effective cooperation among the science community and business sector	1
	Action XII-Research into innovative solutions to promote the whole-of-society engagement	1

Thank you!

yangsaini@bnu.edu.cn