



Session 2: Sentinel Asia Strategic Plan for the next 10 years

Communication, Collaboration and Cooperation (ADRC)



Makoto IKEDA

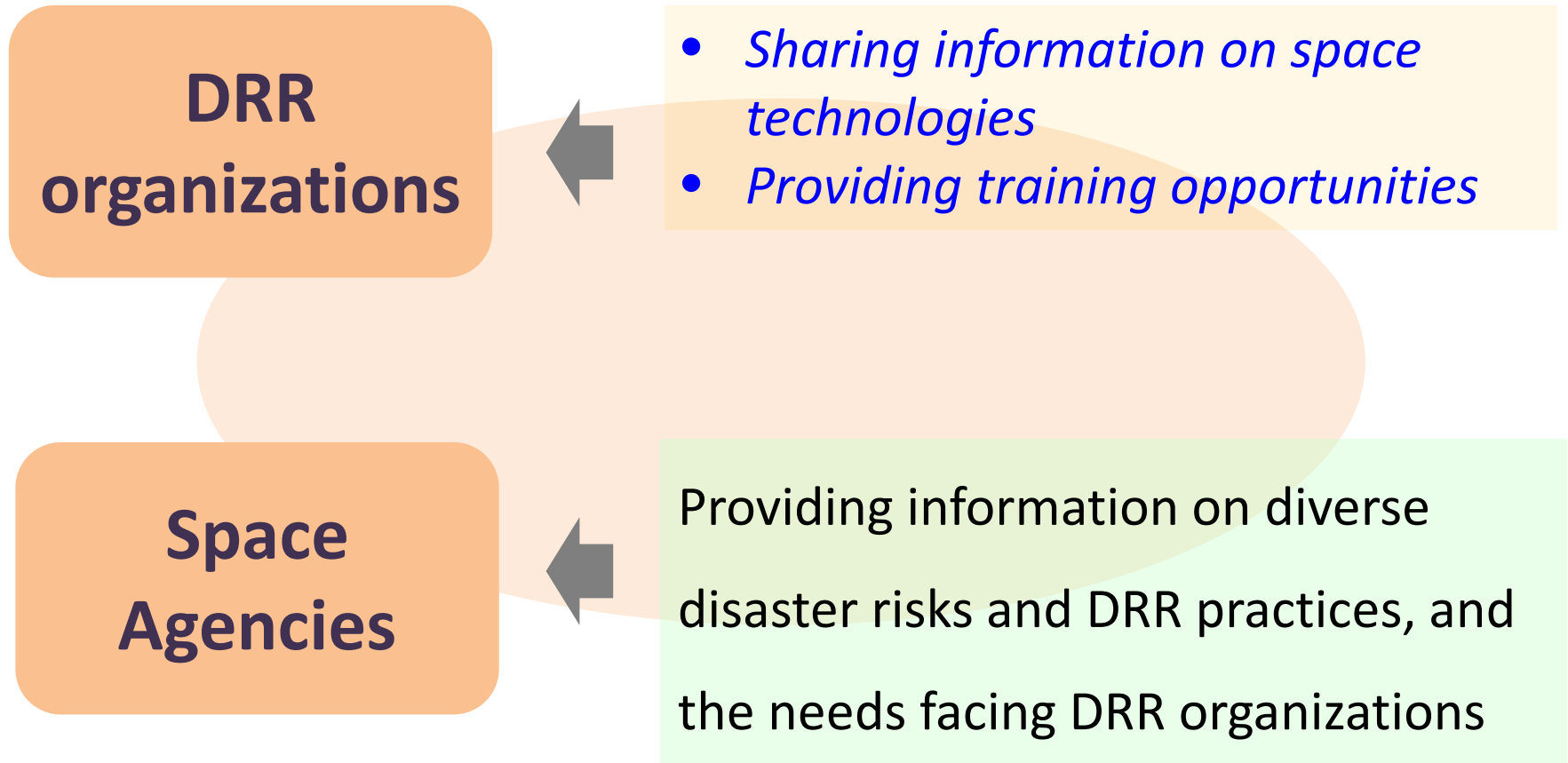
Asian Disaster Reduction Center (ADRC)

Sentinel Asia Action Plan 2017-2027

For exploring more effective use of satellite imagery and VAPS to Disaster Risk Reduction, closer communication, collaboration and cooperation between space agencies supporting Sentinel Asia and disaster management organizations needs to be explored in a way more adapted to DRR needs in Asian Pacific Region. ADRC, an Asian hub for DRR organisations will contribute to bridge between Space agencies and DRR organisations

- I. New Satellite Data Provisions and Systems
- II. Value Added Product (VAP)
- III. End-user Enhancement
- IV. Step-3 Activities (Complete DRR cycle)
- V. Communication, Collaboration and Cooperation

Communication, Collaboration and Cooperation for the second decade of Sentinel Asia



ADRC member countries

	Member countries	Advisors & Observer
1998	Bangladesh, Cambodia, China, India, Indonesia, Japan, Kazakhstan, Korea, Laos, Malaysia, Mongolia, Myanmar, Nepal, Papua New Guinea, Philippines, Russia, Singapore, Sri Lanka, Thailand, Tajikistan, Uzbekistan, Viet Num	Australia, Switzerland, New Zealand, France Asian Disaster Preparedness Center (ADPC)
2000	Armenia	
2002	Kyrgyz Republic	
2004		USA
2005	Pakistan	
2007	Bhutan, Yemen	
2009	Azerbaijan	
2010	Maldives	
2012	Iran	



- 1. Information and knowledge sharing**
- 2. Human Resources Development**
- 3. Cooperation with Member Countries, International/Regional Organizations and NGOs**

Bridging between DRR organizations and Space agencies

Identifying potential DRR needs

Disaster Risk Reduction involves diverse ministries and local governments as well as ministries in charge of DRR ministries. ADRC will facilitate bridging between space agencies and DRR organizations as a hub for Sentinel Asia

The diagram illustrates a bridge between two entities. At the top is a light green oval containing the text 'Space Agencies'. Below this oval is a red-outlined diamond shape with a notch on each side, representing a bridge. At the bottom is a red-outlined dashed rectangle containing a red bar with the text 'Disaster Management Organisation'. Below the red bar are two white boxes with red outlines: 'Diverse National Ministries' on the left and 'Subnational governments' on the right.

Space Agencies

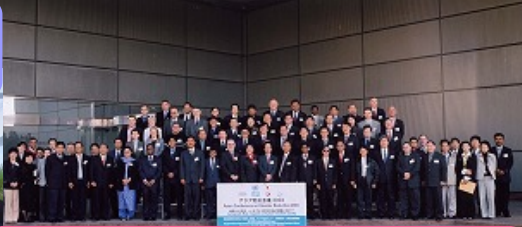
Disaster Management Organisation

Diverse National Ministries

Subnational governments

Asian Conference on Disaster Reduction and ADRC

2003: January
Kobe, Japan



2004 February
Siem Reap, Cambodia



2011 : June
Colombo,
Sri Lanka

2010 : January
Kobe, JAPAN



2005: WCDR,
Hyogo, Japan

2006: March
Seoul, Korea



2007 : June
Astana,
Kazakhstan



2014: 4-6 March
Tokyo, JAPAN

2013: January
Kobe, JAPAN



2015:WCDRR
Sendai & ACDR
15 March 2015

2008:12-14 Nov.
Bali, Republic of
Indonesia



2016:Feb.
Phuket
Thailand



2017 : October
Baku, Azerbaijan



ACDR2018 Oct., 2018
Awaji, Hyogo, Japan ⁶

ACDR2017

2-3 October, 2017, Baku, Azerbaijan

Session 1 :Implementation of the Sendai Framework

- How lessons learnt from recent experiences have integrated into implementation of the Sendai Framework?
- How Governance Reform could facilitate Intensifying DRR Efforts?



Session 2:Effective Emergency Response to Survive Mega Disasters

- How to promote effective emergency response for both mega-disasters and small-scale local disasters? How to enhance collaboration for search & rescue beyond borders ?



Session 3:Advanced Technologies Facilitating DRR and CCA

- How new innovative tools can be brought down to the community level and made accessible?



Steps towards the 20th anniversary of ADRC and Sentinel Asia

2017

- | | |
|----------------|--|
| March 8- 9 | JPTM in Hanoi, Vietnam,
The 10 th Anniversary of the Sentinel Asia |
| October 2-3 | ACDR 2017 in Baku, Azerbaijan |
| November 14-17 | APRSAF-24 in Bengaluru, India |
| December 13-14 | Sentinel Asia SC meeting, Bangkok |

2018

- | | |
|-----------------------|--|
| January | JPTM in Taipei |
| July 30 th | The 20 th anniversary of ADRC |

End of October:

- ACDR2018 , in Awaji, Hyogo prefecture, Japan**
- + back to back JPT meeting**

ACDR2018 in Awaji island, Hyogo Prefecture

Awaji Island was hit by the Great Hanshin Awaji Earthquake in 1995



Sharing lessons learnt from the past for the future

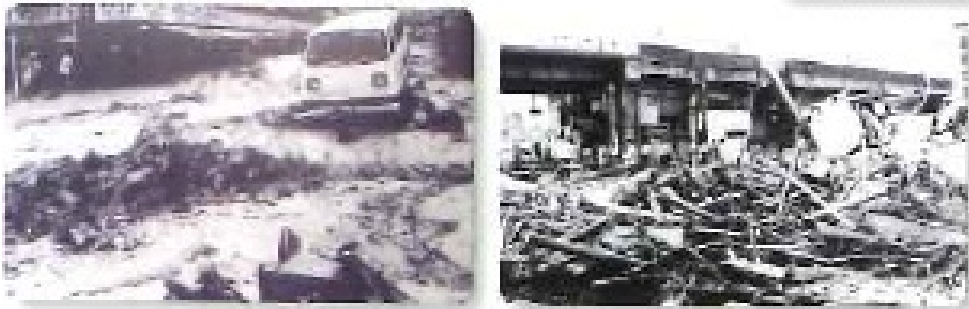
Kobe has seen both earthquakes and water related disasters

1938 The Great Hanshin Flood

(Killed: 671, missing:24)



1967 The heavy rainfall (killed 90, missing:8)



2014 Typhoon no.11

(no casualties but
20 ha. collapses of
hills)



Photo: Hyogo prefecture

1925 Northern Tajima Earthquake

(M.6.8 More than 400 killed)



1995 The Great Hanshin-Awaji Earthquake

(M.7.3 killed 6435, missing 2)

