Strengthen network between space agency and disaster management organization

8TH Annual UN-SPIDER Conference in Beijing
The United Nations International Conference on Space-based Technologies for
Disaster Risk Reduction - "Enhancing Disaster Preparedness for Effective
Emergency Response"

24-26, October 2018

Makoto IKEDA, Ph.D.
Asian Disaster Reduction Center (ADRC)
• The Asia Disaster Reduction Center (ADRC) and the United Nations Office of Outer Space Affairs (UNOOSA) signed the cooperation agreement on establishment of the ADRC UN-SPIDER Regional Support Office (RSO) on the occasion of the 52nd session of the Committee on the Peaceful Uses of Outer Space (COPUOS) on 4th June 2009.
Number of Emergency Observation Request on Sentinel Asia (2007-2017) *as of 31 Dec 2017

- **Flood in Vietnam (2017)**
- **Flood, 151**
- **Earthquake, 34**
- **Landslide, 23**
- **Typhoon, 21**
- **Forest fire, 17**

Bar chart showing the number of requests and activations for emergency observations from 2007 to 2017.
ADRC already had 5 IDC escalations in 2018. It is easy to access for escalation by using new system “COS-2”.
Disaster Risk Reduction involves diverse ministries and local governments as well as ministries in charge of DRR ministries. ADRC as a hub facilitates bridging between space agencies and DRR organizations.

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<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Venue</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>In Myanmar</td>
<td>30 January 2018</td>
<td>Horizon Lake View Resort</td>
<td>39 (RRD, DMH, ADPC, MIMU, One map Myanmar, etc.)</td>
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<tr>
<td>In Thailand</td>
<td>22 February 2018</td>
<td>Wayupak Convention Center</td>
<td>21 (DDPM, GISTDA, MOI, RID, DWR, RFD, ADPC, etc.)</td>
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<tr>
<td>In Vietnam</td>
<td>19-20 March 2018</td>
<td>STI building</td>
<td>36 (STI, MONRE, DMPTC, etc.)</td>
</tr>
</tbody>
</table>
ADRC promotes disaster risk reduction through multi-national/multi-stakeholder/multi-lateral cooperation in the Asian region.

http://www.adrc.asia

Thank you very much