Overview of the Sentinel Asia

Supporting Disaster Management in the Asia-Pacific Region by space technology



Asian Conference on Disaster Reduction(ACDR)2011

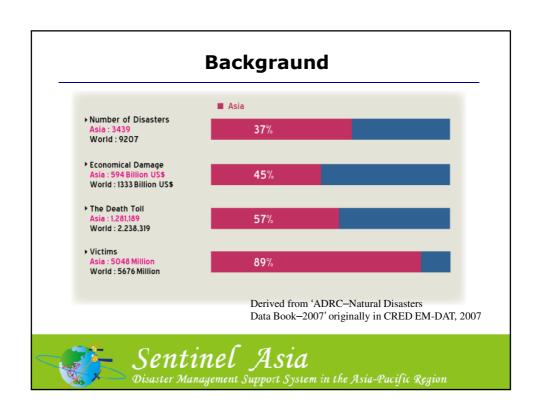
June 13-15 2011

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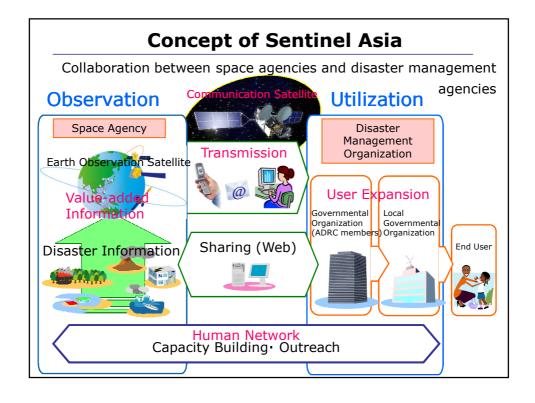
Purpose

In Oct 2005, APRSAF*-12, approved the plan to initiate the Sentinel Asia to assist disaster management in the Asia-Pacific region and it aims to:

- > Improve safety in society by ICT and space technology
- >Improve speed and accuracy of disaster preparedness and earlywarning
- >Minimize the number of victims and social/economic losses.
- * : Asia-Pacific Regional Space Agency Forum







Main Activities

1. Emergency observation

Member agency request emergency observation to data providers via ADRC

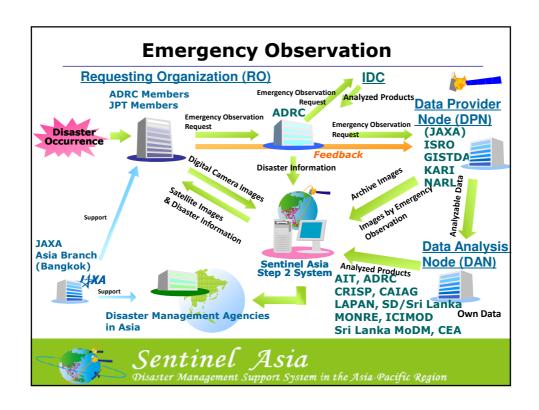
2. Monitoring

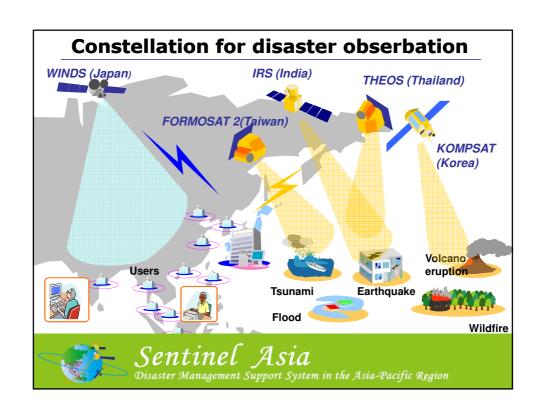
Provide precipitation, hotspot data for Flood, Wildfire

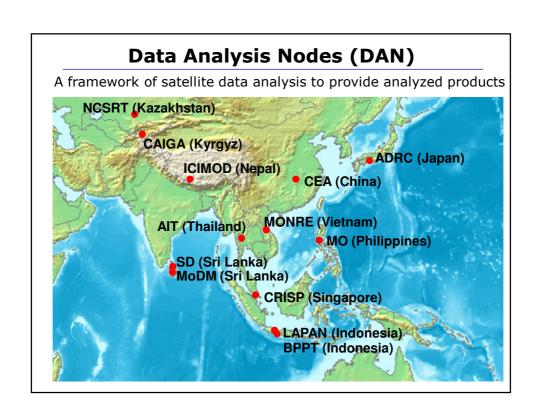
3. Outreach

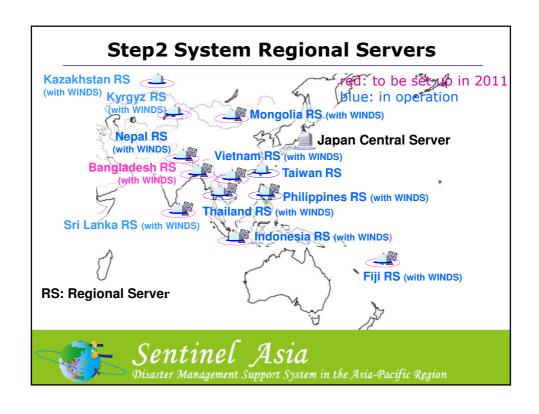
Capacity building and human resource development for promotion of utilization

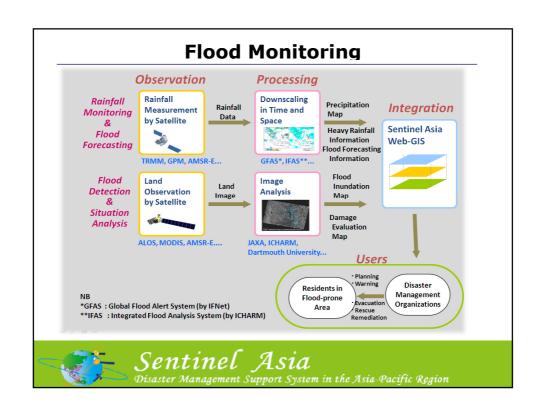


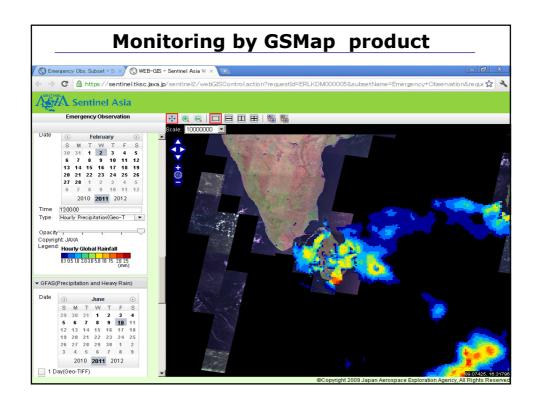


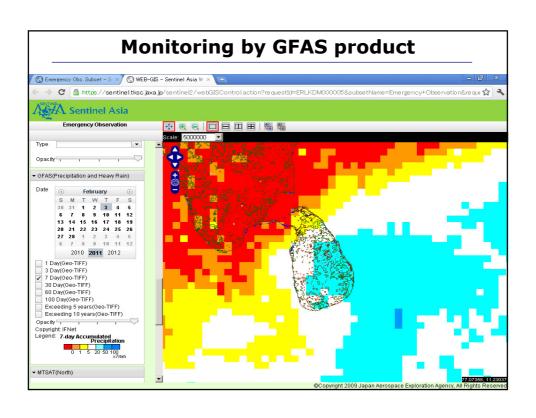


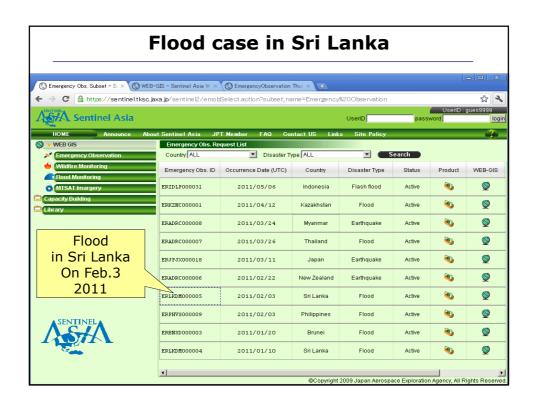


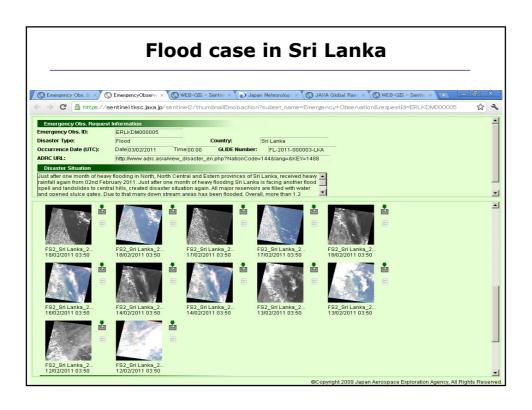


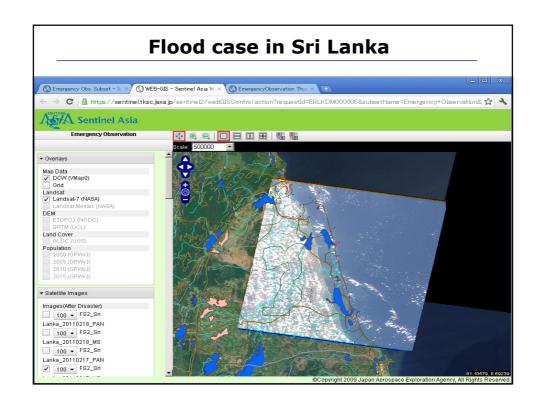


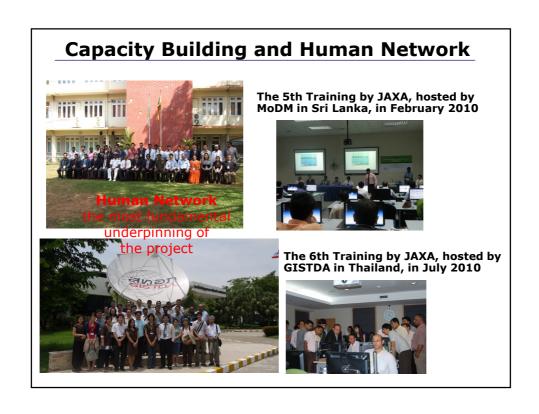












Next Step

- Contribution remote sensing and ICT in Asia-Pacific region by APRSAF.
- 2. Accumulating more contributions and strengthen role(function) sharing to promote Joint steering of SA project.
- 3. To cover all phases, add pre-disaster phase and recovery phase to our range of work, in addition to emergency observation
- 4. Promote regionally or "bi" cooperation aiming to utilize SA more deeply.



Thank you for attention



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