

Topic: Remote Sensing and Geo-Informatics for Water Related Disaster Management

Objective: Discuss on how the GI and space technology can be utilized and support disaster management, especially in water related disaster aspects.

Organizer: Geo-Informatics and Space Technology Development Agency, Ministry of Science and Technology

Six panelists from six countries and 101 participants from 53 organizations participated. The discussion can be concluded as the followings.

- Quantity and quality of water can cause problems. Both should be taken into consideration.
- Apart from satellite and GI, other sensors and equipments shall be implemented.
- Public access and open-source data acquisition shall be considered to gain more data and local community involvement. However, it shall be verified before putting into account.
- Satellite constellations and providers are needed for efficient and effective support in an urgent situation.
- Establishment of Spatial Data infrastructure in national and regional level is one of the key success factors. These include defining standards for these spatial data layers.
- To communicate with local community, capability building on GI and involvement with public is needed.
- Collaboration, and data sharing among disaster management organizations in neighboring countries are needed since disasters may be inter-national event.
- Application of GI and Space Technology must be practical and available for real operational tasks.