

Member Statement from China

Reported by Xiaohan Liao

2015 is an important year both for GEO and China, while GEO is making the strategic plan of GEOSS implementation for the next decade, China is forming the 13th five-year plan for economic and social development, Chinese government is likely to use this chance to improve its earth observing capabilities, while contributing to GEO communities. There are lots of activities related to GEOSS, I'd like to introduce some of the most importance events.

(1) China has issued the National Medium- and Long-term Program for Civil Space Infrastructure(2015-2025) to promote the development of earth observation technology and integrated utilization of observing resources. In accord with the formation the GEO strategic plan 2016-2025, China is carrying on the strategic research on the development of China GEOSS in the next decade.

(2) China has made substantial progress on its earth observation capabilities, especially on the commercial satellites. 20 micro-satellites were successfully launched by one rocket, Beijing-2 small satellite constellation and Jilin-1 started their in-orbit mission successfully recently, Jilin satellites will grow to a constellation with 137 video satellites and 10 minutes revisit all over the world.

(3) In 2015, China continues the work of Annual Report on Remote Sensing Monitoring of global Ecosystem and Environment, including the monitoring on Supply Situation of Maize, Rice, Wheat and Soybean, Large Area Wetlands of International Importance, China-ASEAN Ecological and Environmental Conditions, and Africa Land Cover. These

datasets and products will be updated to GEO continually.

(4) In cooperation with the United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP) and India, the regional collaborative mechanism for drought disaster monitoring and early warning is implementing in two pilot countries, Mongolia and Sri Lanka, A training course mechanism has been established to improve the capability of using earth observation technology on drought monitoring for the developing countries in Asia-Pacific region.

Aiming at implementing the GEO strategic plan in the next decade, based on the development of its earth observation technology, China is willing to provide more substantial contribution to GEOSS and GEO community of the whole world.