

## The status and plan of the Chinese SLR network

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Chinese SLR network

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**Introduction:** The SLR stations in the Chinese network have been upgraded to kHz laser system and daytime tracking capability under the support of the state key project "Crustal Movement Observation Network of China" since 2011. Recently years, the SLR stations of network have been focusing on daylight track to HEO satellites and system short/long stability, and extending research field to extra-high repetition rate laser ranging, space debris laser ranging. In three years, there are several one meter level telescopes to be developed for SLR measurement and optical observation and one new SLR station will be set up in Xinjiang Uygur Autonomous Region in the northwest China. The development of the compact SLR systems with the capability of observing HEO satellites is also being underway to increasing the number of SLR sites with low cost and make Chinese SLR network more robust and co-location with VLBI and GNSS sites.