

## Planned data products of Terrain Camera on SELENE

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The Terrain Camera (TC) installed on SELENE is a panchromatic imager with 10-meter spatial resolution. TC has two slant telescopes for forward and backward looking to achieve along-track stereoscopy. We are planning global monoscopic and stereoscopic observation for lunar surface in the nominal SELENE mission period of one year. We are developing three ground processing systems for TC data: the Level 2A processing system, the Radiometric calibration and geometric correction system, and the Digital Terrain Model production system. TC data products from these systems will be public via the Level 2 database (L2DB) system in SELENE Operation and Analysis Center (SOAC) in Institute of Space and Astronautical Science (ISAS). Since there has been lack for global high-resolution data of 10-meter scale so far, TC data will contribute to progress in lunar sciences. Here we introduce planned data products from TC observation.