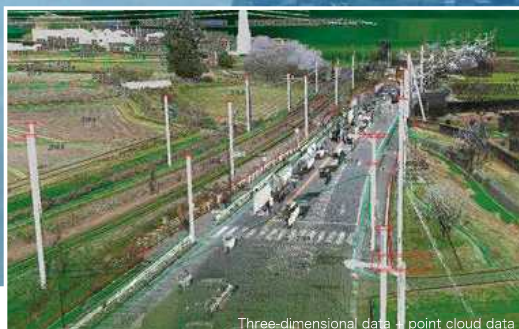


Promoting the Administration of Land Surveys



Airborne laser survey



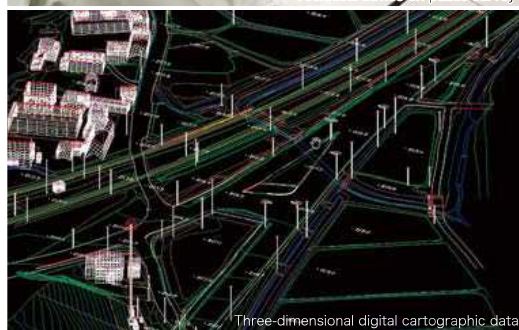
Three-dimensional data + point cloud data

Responsibilities as a national administrative agency in charge of the Survey Act

Public works projects to develop and manage national infrastructure are being carried out all around us, such as creating large-scale residential areas, constructing new roads, and improving rivers for disaster prevention. When planning and designing such public works projects, public survey is required to create maps and determine positioning standards. In order to ensure accurate and efficient surveys, GSI, as a national administrative agency in charge of the Survey Act, offers advice on survey operations undertaken throughout Japan, examines survey results to ensure their accuracy, promotes the widespread use of new surveying technologies, and tests and registers nationally accredited surveyors and assistant surveyors, among other duties.



Technical advice on public survey



Three-dimensional digital cartographic data

Efforts in public survey

Surveys that are funded by the national or local governments are called "public survey." The results will be used in a variety of situations as a foundation of society, such as developing infrastructure around us and city planning. When conducting public survey, the national and local governments must establish "operating specifications" that specify surveying methods, etc. in order to ensure the accuracy of the surveys. The Minister of Land, Infrastructure, Transport and Tourism (The Geospatial Information Authority of Japan) has established the "Rules for Operating Specifications", which indicate standard work methods for surveying, as a model example of operating specifications. Advanced surveying technology is adopted into the "Rules for Operating Specifications" after accuracy verification, for responding to the latest technology. In addition, in order to widely disseminate accurate public survey results to the public, we provide technical advice on public survey plans and inspection of public survey results. Information on survey results that are deemed to have sufficient accuracy will be made public through the website and will be widely used in subsequent surveys. We disseminate information on our website and hold briefing sessions in various locations about improving efficiency, maintaining accuracy, and using the latest technology, in order to ensure that public surveys are carried out appropriately.



Use of new survey technologies using UAV in public survey (Adopting into the "Rules for Operating Specifications")



Seminars are held throughout Japan for persons in charge of public survey

Examination and registration of surveyors and assistant surveyors

"Surveyor" and "assistant surveyor" are national qualifications required to engage in "basic survey" conducted by the Geospatial Information Authority of Japan or "public survey" conducted by the national and local governments. GSI conducts a national examination once a year in order to examine and register qualifications based on the following requirements:

Eligibility Requirements

Surveyor (Articles 50, the Survey Act)	To be eligible, surveyors must - Acquire credits for survey-related subjects at a university, junior college or national institute of technology, graduate from the above-mentioned school, and have the prescribed practical experience; or - Obtain professional knowledge and skills at a survey technical training school and have prescribed practical experience in surveying; or - Be an assistant surveyor who has acquired advanced knowledge and skills in surveying at a survey technical training school - Pass the surveyor examination administered by the Director-General of GSI.
Assistant Surveyor (Articles 51, the Survey Act)	Assistant surveyors must: - Acquire credits for subjects related to surveying at a university, junior college or national institute of technology and graduate from the above-mentioned school; or - Obtain professional knowledge and skills at a survey technical training school. - Pass the assistant surveyor examination administered by the Director-General of GSI.

Disaster and Geospatial Information Planning Center

In April 2024, the "Disaster and Geospatial Information Planning Center" was newly established at the Tokyo Office, which was opened in Central Government Building No. 2 in 2020 as a base in Tokyo for working with the Diet and coordinating with related ministries. This "Disaster and Geospatial Information Planning Center" will coordinate external affairs related to disaster response and the utilization and promotion of geospatial information, and will also serve as a base for providing maps, aerial photographs, etc. to government-related organizations in the event of a disaster.



Central Gov't Bldg. No.2