

Soil environment consulting services

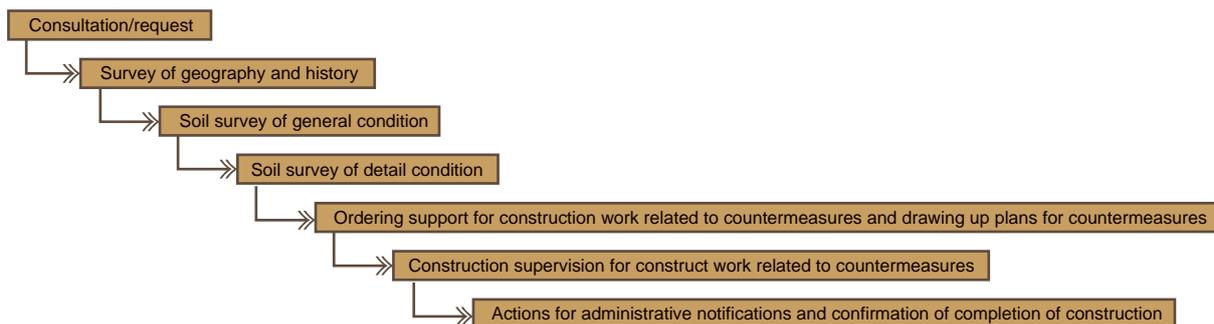
Soil Environment Surveys/Countermeasure Consulting

For new building construction, redevelopment planning and other such endeavors, soil environment surveys and countermeasures are indispensable. That's why the Soil Contamination Countermeasures Act went into effect in 2003 in order to prevent health damage due to soil contamination. In parallel with this, land alterations are strictly regulated to prevent the dispersion of contaminants and business operators (land owners) are required to conduct proper ascertaining of contaminated soil and the management thereof. Right now, soil contamination is a required notification item when moving forward with the construction planning.

At Nikken Sekkei Civil Engineering, we accurately ascertain contamination situations by conducting appropriate geography and history surveys and soil surveys while looking ahead to business planning. If soil contamination is identified, then we conduct consulting from the standpoint of a business operator which includes support for ordering of countermeasure-related construction, administrative responses and oversight for construction related to countermeasures. Soil contamination surveys and construction related to countermeasures can take anywhere from a few months to a few years, so optimum and comprehensive decisions are required.

It's an era where environmental initiatives including soil contamination have a great impact on the evaluation of companies from a compliance perspective as well.

At Nikken Sekkei Civil Engineering, we will leverage our knowledge and experience cultivated over many years to make proposals which are useful for business operators and global environments through appropriate and precise advice to business operators from a neutral and fair standpoint.



Operational service flow starting from consultation and requests related to land contamination to the completion of construction related to countermeasures and administrative responses

Ground Surveys

Architectural and civil engineering structure design requires information on the ground.

At Nikken Sekkei Civil Engineering, we clarify what the designer would seek for, under which formulate specific survey plan. First, we collect information on what kind of soil is distributed in the region as well as underground geological formation.

There is much information publicly released pertaining to Japanese ground information such

as boring data and geological maps. Moreover, utilizing databases that we've compiled through our rich operational experience, we refine the information into a collection that is more detailed.

Meanwhile, in the case of overseas projects, we conduct information collection from research papers and research companies in each country by utilizing our various networks. We make it clear what kind of ground we're dealing with while paying sufficient attention to differences from survey result displays and standards in Japan.

On-site surveys in Japan we provide services comprised of all aspects that range from attendance on-site, management of cooperating companies taking full into consideration the quality assurance, to the final deliverables. Overseas, we're responding to various demands in line with the intentions of ordering parties and designers, such as by providing support for the ordering of surveys, technical guidance and oversight for surveys, and technical support for the survey results validation and so on.



On-site survey in Mongolia



On-site survey in Thailand