CKC CONSULTING ACTIVITIES WORLDWIDE

LATIN AMERICA

- BOLIVIA
- BRAZIL
- CHILE
- DOMINICA
- ECUADOR
- EL SALVADOR
- GUATEMALA
- HONDURAS
- JIMAICA
- MEXICO
- NICARAGUA
- PARAGUAY
- PERU

AFRICA

- BOTSWANA
- CAMEROON
- EGYPT
- GUINEA-BISSAU
- MADAGASCAR
- MOROCCO
- TANZANIA

ASIA

- BANGLADESH
- BHUTAN
- CAMBODIA
- CHINA
- INDONESIA
- NEPAL
- PAKISTAN
- PHILIPPINES
- SRI LANKA
- SYRIA

CKC QUALIFIED STAFF NUMBERS

Field of Specialization	Number of Staff
Ph.D	5
Reg.PE（Registered Professional Engineer）	133
RCCM（Registered Civil Engineering Consulting Manager）	80
Agriculture Civil Engineers	3
Harbor Marine Surveys Engineers	4
Architects	2
Civil Construction Management Engineers	81
Surveyor	34
Geological Survey engineer	79
Fundamental Information Technology Engineers	6
Applied Information Technology Engineer	2

(as of September, 2009)

CONSULTING ENGINEERS & PLANNERS

CHUO KAIHATSU CORPORATION

Chuo Kaihatsu Corporation (CKC) was founded 63 years ago as Japan's first completely independent, privately run civil engineering consulting firm. CKC has since undertaken a wide range of public and private sector projects including railway, water resource development, housing, urban planning, water supply and sewerage, power development projects technology and IT technology. CKC's services on these have covered study, design and construction supervision.

Today, CKC is a comprehensive consulting firm with 280 employees and branches all over Japan as well as 5 overseas liaison offices

SPECTRUM OF SERVICE

CONTACT

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http://www.ckcnet.co.jp

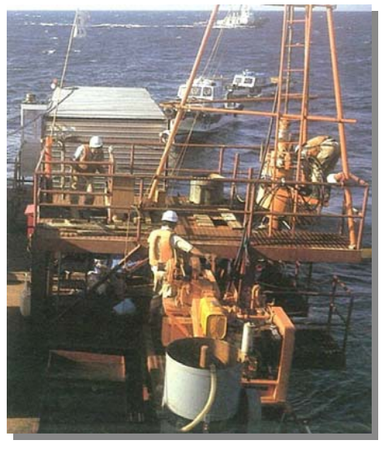
CONSULTING

GEO-TECHNICAL AND GEO-ENVIRONMENTAL INVESTIGATION

Results of investigation will be used for design structures, assessment of pollution area and design remediation.

Deep-sea Boring Survey

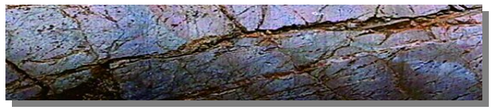
We had developed safety boring method on the condition of deep sea or severe wind waves.



Sampling Method for IFCS and ALCS

IFCS; Provide a high quality sample by using micro bubble.

ALCS; Provide a sample on the condition of non-oxygen and aseptic state.

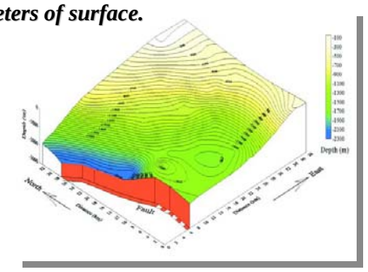


The core using IFCS sampling method

The core using traditional sampling method

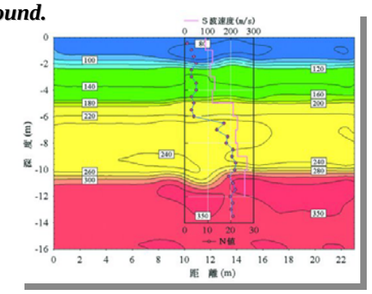
Array Measurement of Microtremors

Array Microtremor Survey is a geophysical exploration method to determine the S-wave velocity structure of the underground. This method can apply within a depth of several kilometers of surface.



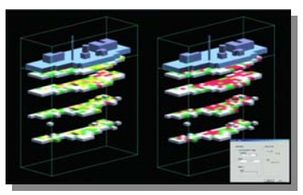
High Density Surface Wave Survey

High Density Surface Wave Exploration can apply within a depth of several ten meters. This method can detect a cavern or loosening zone of underground.



Soil & Groundwater Remediation Technology

The professional engineers will analyze degree of pollution for soil and ground water and examine for remediation method.



Pollution Distribution by 3D Display

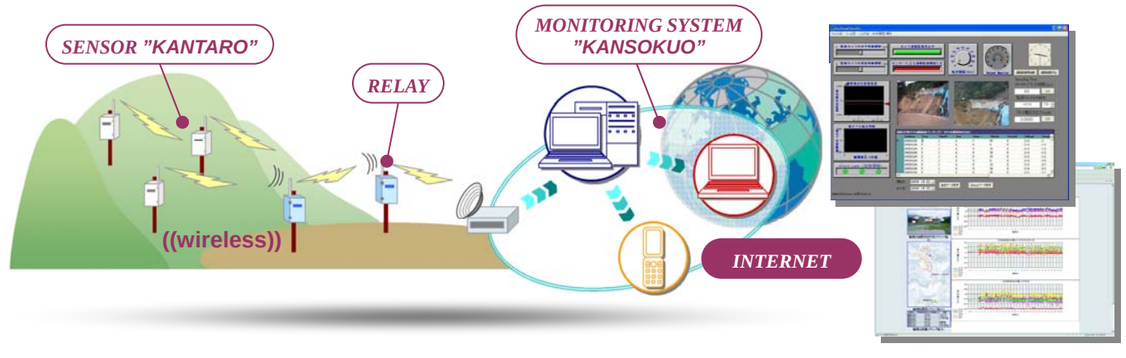
CONSULTING

IT SOLUTION TECHNOLOGY

The IT technology will provide the solutions for geo-technical and geo-environmental problems.

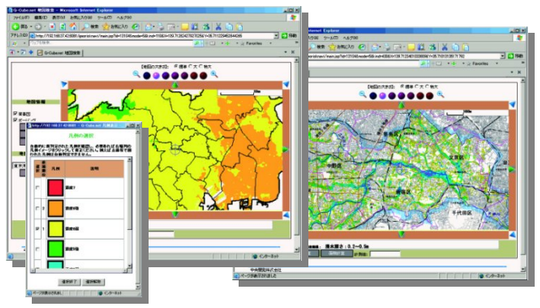
Real Time Monitoring Technology

The Real Time and Remote Monitoring System based on internet has been developed in order to prevent from natural disasters due to strong earthquake, heavy rainfall and flood, landslide etc.

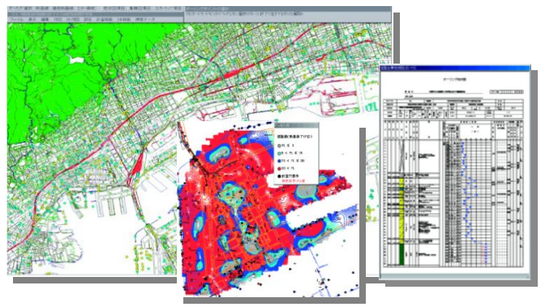


Geographical Information System

The GIS system has been developed in order to assess risk management for liquefaction or ground settlement, and used to makes earthquake, sediment-related disaster hazard map for civilian use.



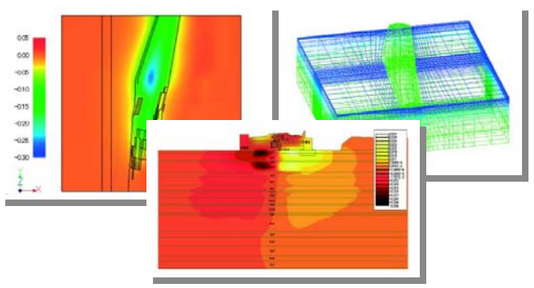
Geo-Information Navi System



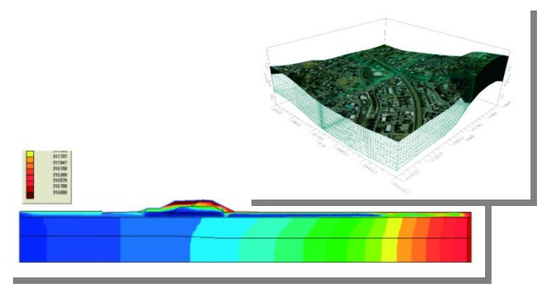
Kobe JIBANKUN using GIS

Numerical Analysis Technology

This technology can be used for static stress-deformation analysis, seepage analysis, advection-dispersion analysis, seismic response analysis based on FEM or FDM.



Stress-Deformation Analysis using FEM



Seepage Analysis using FEM