

Kiso-Jiban Consultants: Green infrastructure projects adapted to Asia's natural environment



Development of Geothermal Energy

About twenty percent of the world's earthquakes occur in Japan, with the country also regularly experiencing typhoons that cause floods and landslides every year. In such an extreme climate, the country's infrastructure projects must always consider these natural challenges.

"In the midst of such a severe environment, Japanese people have been in constant dialogue with nature since ancient times, building a society that is in harmony with the natural environment rather than confronting it and developing the infrastructure that forms the foundation of our society," says

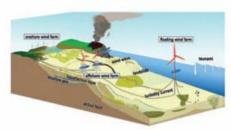
Yoshiyuki Yagiura, president of Kiso-Jiban Consultants Co., Ltd., the world's leading geotechnical consulting firm, which has been involved in more than 6,000 overseas projects specializing in foundation engineering and soil mechanics. "We believe that 'green projects' that match the natural environment of Asia will become the basis for all future infrastructure development."



Ramsar Wetland (Kasai Marine Park)

The green projects that Kiso-Jiban Consultants is currently working on include offshore wind and geothermal power generation, surveys and conservation studies of flora and fauna, and the creation of green infrastructure. In doing so, the company aims to contribute to the development of Asian countries by linking best-practice sustainability with the development of conventional engineering.

"For example, Japan is a bit delayed when it comes to off-shore wind power harvesting compared to the West and the United States," explains Dr. Yagiura. "One of the reasons is that our geology is complex, therefore, we have to carefully evaluate the ground condition and optimize methods of soil investigation, design, construction and maintenance to fit the cir-



Risk Assessment for Offshore Geohazard



"We want to expand our business to Asia by developing new technologies in geotechnical research."

Yoshiyuki Yagiura, President of Kiso-Jiban Consultants Co., Ltd.

cumstances. Our aim is to export this management technology to Southeast Asia, where the conditions of geological structure and natural disasters are similar to those of Japan."



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