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El Salvador's engineers experienced earthquake reinforcement works

El Salvador, where is more than 20 active volcanoes, fault zones and plate boundary of the Pacific side, is an earthquake-prone country. The series of earthquakes that occurred in 2001 affected approximately 1.5 million people and caused big economic losses. Japan has assisted wide-area disaster prevention and observations systems for more than 10 years.

This time, 10 engineers from Office of the Metropolitan Area of San Salvador Metropolitan (OPAMASS) were invited by JICA to learn about construction methods and construction management for seismic reinforcement at the Uchino Housing Complex in Chiba New Town on November 13.

In the lecture, HASHIMOTO Kenichiro, Deputy Director of the Technology and Cost Management Department explained the vision of UR rental housing stock utilization and revitalization and necessity of the seismic diagnosis and seismic reinforcement. He easily introduced the procedure of the field survey, structural calculations, safety evaluation, and seismic reinforcement construction methods.

At the Uchino housing complexes, the engineers attended at the site of seismic slit renovation and brace reinforcement under the guidance of construction officials, and they showed a strong interest in its construction method.

Engineers asked a lot of questions, such as the proper point of the slits, the materials and manufacturing methods used to brace reinforcement, and the project

cost for reinforcement.
At the end of the lecture, we visited the Murakami Housing Complexes to confirm the completed brace reinforcement.

Sr. Alfaro, Leader of OPAMASS said that our office is shortly after its establishment, and we are still in the process of seismic construction and reinforcement in San Salvador. Today's training was very helpful for future implementations. Sr. Alfaro gifted lecturers El Salvadoran crafts.

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