



Public Forum – ID520

Outline

Utilization of Lidar data and Red Relief Image Map for Disaster Prevention

Mr. Tatsuro Chiba, Chief Engineer, Asia Air Co., Ltd

Located along island arc-trench system of Pacific Ocean, Japan is a nation under high danger of natural disasters, which usually occur repeatedly in the same locations. Add to refer historical records, it is important to investigate micro-topography so as to confirm marks of those disasters. Detailed topographical data is the most important condition for such investigation. So far, locations covered by dense trees were very difficult to be investigated correctly and effectively.

In 2002, I invested Red Relief Image Map (RRIM) to express topography. Here, I introduce examples for topographical interpretation and disaster countermeasures using Lidar and RRIM in Japan.

Business Continuity Planning in Financial Institutions

Dr. Tomohisa Sashida, Executive Chief Consultant, Tokio Marine & Nichido Risk Consulting Co., Ltd.

In the event of the Great East Japan Earth Quake and tsunami, the Banking Institutions closed 280 branch offices tentatively. However they continued their operation at neighboring branch offices or setting up temporary bank office at vacant site.

Insurance companies paid about JPN1298.4B to households which contributed to the recovery and reconstruction of the area by economic perspective.

Today, almost 100% of Financial Institutions have their BCPs in place.

As a case study of BCP in Financial Institutions, the BCP of the Tokio Marine & Nichido Fire Insurance Co., Ltd. will be introduced. They prepare back up IT system and back up site if their HQ office was hit by a disaster. Also they continue simulation for board members since 1992.

Introduction to NEC's Comprehensive Disaster Management Solution and Lessons Learned from the Great East Japan Earthquake

Mr. Susumu Tanaka, Chief Manager, Public Business Unit, NEC Corporation

Japan is a country prone to natural disasters such as earthquake, tsunami and typhoon. Government of Japan has been investing a lot of money to establish a highly advanced disaster management network, for which NEC has supplied extensive and crucial ICT solutions. When Great East Japan Earthquake happened in 2011, however, the lives of nearly 20,000 people were lost so that the system is required to be more advanced. In this presentation, NEC explains its comprehensive disaster management ICT solutions covering from the ocean bottom to the outer space based on its highly developed telecommunication and information technologies, and, based on the lessons learned from the Great East



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Japan Earthquake, NEC proposes more advance disaster management solutions with a motto of "More resilient. More robust, More reliable" utilizing the latest technologies of M2M, cloud, open flow and SDR.

"Seeing is Believing" -Proposing Industrial Tours in Kansai Region to Promote the Better Understanding of Countermeasures to Disasters

Mr. Yoshihiko Kobayashi, Managing Director (Planning) and Ms. Nao Kanzato,
International Affairs Department, Kansai Economic Federation

Kansai region, composed of such cities as Osaka, Kyoto, and Kobe, has suffered from various disasters such as floods, typhoons, and earthquakes since olden days. Accordingly, residents, local governments, enterprises and researchers have made efforts to predict, simulate, prevent, and reduce damage from these disasters. Now, technology, know-how, and experiences have accumulated in this region.

Kansai Economic Federation (Kankeiren) would like to propose a menu of "Industrial tours" for people interested in which you can observe various countermeasures to the disasters conducted by government, business, and academia, as seeing is believing. Kankeiren is a private, non-profit business organization based in Kansai.

ICT Infrastructure Resilience against Natural Disasters in the Asia –Pacific Region

Mr. Hidetoshi Kamezaki, ABAC Member, ABAC/ Corporate Advisor, Mitsubishi Corporation

APEC Business Advisory Council (ABAC) is the formal private sector advisory group of APEC. Representing the business communities of all APEC economies, ABAC is tasked with supporting the success of APEC by providing private sector insights.

Last year, ABAC presented various recommendations to APEC Leaders, including the promotion of disaster resilient ICT policy frameworks. Looking at the initial stages of the recent natural disasters, private sector gained specific lessons on how ICT infrastructure operated in the actual scenes of disaster. Based on these lessons, ABAC recommended APEC to develop collective plans or actions for disaster-resilient ICT infrastructure throughout the Asia-Pacific region.

ADRC's Updates in Promotion of Private Sector DRR in Asia

Mr. Kiyoshi Natori, Co-Chair, APEC EPWG /
Executive Director, Asian Disaster Reduction Center (ADRC)

ADRC has been working for promoting to strengthen disaster resilience of communities in Asia since its inception in 1998. Among various activities are PPP and disaster risk reduction of private sector.



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Through publication and conferences, good practices of private sector in Japan are shared as information sharing. Also the concepts of BCP/BCM and private sectors DRR are introduced in capacity development programs. In recent years, ADRC conducted surveys for BCP status of private sector in Asia-Pacific region in collaboration with APEC EPWG, SMEWG and relevant agencies. Based on the survey results, ADRC develop Guidebook on SME Business Continuity Planning.