38th IFAWPCA Convention
Special Seminar on Earthquake and Disaster Management
21 April, 2010　Taipei, Taiwan

Date: Wednesday, 21 April, 2010
Time: 14:00-17:00
Venue: Room 102, 1F, Taipei International Convention Center

Hosted by
Taiwan General Contractors' Association (TGCA)
Chinese Taipei APEC Engineer Monitoring Committee

Organized by
The Overseas Construction Association of Japan, Inc. (OCAJI)

REGISTRATION FORM

Registration Deadline: 31 March, 2010

Please fill out this form with BLOCK letters.

Chinese Name		**身分証字號:**
English Name		
	(First Name)	(Family Name)
Company		
Address		
Tel No.		
Fax No.		
Email		

※ Free Registration Fee

因場地座位有限，請填妥報名表於**3 月 31 日前以傳真方式**回傳至

中華民國營造工程工業同業公會全國聯合會 楊悅華組長
108 台北市開封街 2 段 40 號 3 樓
TEL: 886-2-2311-1572
FAX: 886-2-2370-9338

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Date:	**Wednesday, 21 April, 2010**
Time:	**14:00-17:00**
Venue:	**Room 102, 1F, Taipei International Convention Center**
Host:	**Kuo-Chun Chang PhD., P.E (Director, National Center for Research on Earthquake Engineering)**
14:00-1410	**Introduction by Host**
1410-1500	**SEMINAR (I) Speaker: Tsuyoshi IKEYA, Dr. Eng. (Kajima Technical Research Institute, Kajima Corporation)** **Construction Companies' Challenges to Get Over Earthquake Disasters Based on their Contribution to Recovery from Great Hanshin-Awaji Earthquake**
1500-1520	**Q&A**
1520-1530	**Coffee Breaks**
1530-1620	**SEMINAR (II) Speaker: Tatsuo OKAMOTO, Dr. Eng. (Technology Planning Department, Takenaka Corporation)** **How Have Building Structures Changed after the Great Hanshin-Awaji Earthquake of 1995?**
1620-1640	**Q&A**

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SEMINAER (I)

Construction Companies' Challenges to Get Over Earthquake Disasters Based on their Contribution to Recovery from Great Hanshin-Awaji Earthquake

Tsuyoshi IKEYA, Dr. Eng.
General Manager, Civil Structures Group,
Kajima Technical Research Institute,
KAJIMA CORPORATION

Summary

Disaster prevention technology in Japan has been developed and progressed based on the lessons learned from major disasters. The largest disaster recently experienced is 1995 Great Hanshin-Awaji Earthquake. In this lecture, the efforts of construction companies to restore earthquake and to mitigate disaster will be presented. Outline is as follows.

1. Mechanism of earthquake occurrence
2. Damage of civil structures due to Great Hanshin-Awaji Earthquake
3. Contribution of construction companies to disaster recovery
4. New construction technologies for quake proof structure
5. Disaster mitigation and business continuity plan

Speaker's Profile

Tsuyoshi IKEYA, Dr. Eng.
General Manager, Civil Structures Group, Kajima Technical Research Institute, KAJIMA CORPORATION

Education:

Mar. 1983 Master of Science (Civil Engineering)

Mar. 1986 Doctor of Engineering, University of Tokyo

Experience:

Apr. 1986 Join Kajima Corporation

Apr. 2009 – present General Manager, Civil Structures Group Manager, Kajima Technical Research Institute, Kajima Corporation

Academic Careers:

Apr. 1988 – Mar. 1990 Part-time Lecturer, Yokohama National University, 'Environmental Hydraulics'

Apr. 2001 – Mar. 2003 Part-time Lecturer, Tokai University, 'Offshore Construction'

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SEMINAER (II)

How Have Building Structures Changed after the Great Hanshin-Awaji Earthquake of 1995?

Tatsuo OKAMOTO, Dr. Eng.
Director & Member of the Board,
General Manager, Technology Planning Department,
TAKENAKA CORPORATION

Summary

The Great Hanshin-Awaji Earthquake of 1995 brought a lot of destructive damage to the infrastructure and buildings that modern Japan had never experienced before. After the disaster, much research was carried out and seismic design methods changed drastically. I would like to talk about such changes that occurred after the event. At the seminar, following items shall be presented:

(1) Characteristic damage due to the earthquake
(2) Development of seismic motion research after the event
(3) Establishment of performance-based seismic design code
(4) Increase of buildings in which high-damping or base-isolation systems are installed
(5) Seismic retrofitting methods and examples of existing buildings
(6) Experimental results of full-scale building models using the world's largest 3-dimensional shaking table in Japan (E-Defense)

Speaker's Profile

Tatsuo OKAMOTO, Dr. Eng.
Director & Member of the Board,
General Manager, Technology Planning Department, TAKENAKA CORPORATION

Education:
1973 Master of Architecture, Kyoto University
1996 Doctor of Engineering, Kyoto University

Experience:
Apr. 1974 Structural Design Section, Building Design department, TAKENAKA CORPORATION
Mar. 2004 Deputy General Manager, Design Management Department, TAKENAKA CORPORATION
Mar. 2006 General Manager, Technology Planning Department, TAKENAKA CORPORATION