

NEWS

Professor T.Okada, Associate Professor Y.Nakano, Research Associate F. Kumazawa, Graduate Students H.Kim, K.Kabayama, K.Kusu, K.Lee and M.Takuma visited Hanshin district to investigate the damage to buildings by the Hyogoken-Nambu Earthquake on January 17, 1995.

Professor T. Okada attended the STRESS (advanced Structure RESearch Station) International Seminar series #6, held in Seoul, Korea, during the period of April 14-17 1994, and gave a keynote-lecture on "Architectural and Structural Design of Building Structures in Japan."

Professor T. Okada attended the Seismic Center for Fastening Technology Colloquium held in Schaan, Liechtenstein, during the period of September 13-16, 1994.

Professor T. Okada and Associate Professor Y. Nakano attended CEB TG III/5 meeting held in Arles, France, during the period of September 15-24.

Research Associate F. Kumazawa and Graduate Students K. Kusu and K.Komae visited East Part of Hokkaido Prefecture to investigate the damage to buildings by the Hokkaido Toho-oki Earthquake on October 4, 1994 during the period of October 7-9, 1994.

Professor T. Okada attended the First Cairo Symposium on Earthquake Engineering held in Cairo, Egypt , during the period December 1-8 1994, and gave a keynote-lecture on "Seismic Risk Assessment of Buildings in an Earthquake Prone Area in Japan."

Professor K. Konagai received the award for the Best Paper of the Year from the Japan Society of Civil Engineers on May 30, 1994. The title of his paper is "Laser-Aided Tomography: A Tool for Visualization of Changes in the Fabric of Granular Assemblage".

Dr. E. Hampe and Dr. K. M º ler, Institute of Structural Engineering, HAB, Weimar University, had 9 days stay (June 7 to 16) at IIS, University of Tokyo as research fellows of Konagai Laboratory.

Dr. T. Nogami, Assoc. Head of Ocean Engineering Division, Scrips Inst. of Oceanography, had three months stay (June 15 - September 12) at IIS, University of Tokyo as a research fellow of Konagai laboratory.

Professor K. Konagai had 10 months sabbatical stay (Oct.1, 1994 - July 31, 1995) at the Department of Geotechnical Engineering Norwegian Institute of Technology (NTH), University of Trondheim, Norway.

Mr. A. Mikami, Mr. T. Katagiri and Mr. X. Luo visited eastern Hokkaido together with Professor C. Tamura, University Research Center, Nihon University, on October 8-12 to investigate the damage caused by the Hokkaido-Toho-Okai Earthquake of October 4, 1994.

Mr. A. Mikami and Mr. P. Rangelow attended The ninth Japan Earthquake Engineering Symposium from December 12 to 14.

Professor Han G. C. and Professor Kong X., Dalian University of Technology, China visited IIS, Univ. of Tokyo on Dec. 12 - 14, 1994 to exchange the research information concerning the dynamic stability of fill dams.

Mr. A. Mikami and Mr. T. Katagiri stayed at Hachinohe City together with Professor C. Tamura, University Research Center, Nihon University from December 30 to January 1 to investigate the damage caused by the Sanriku-Harukaoki Earthquake.

Professor K. Konagai, Mr. A. Mikami, Mr. T. Katagiri, Mr. P. Rangelow and Mr. X. Luo visited Hyogo prefecture twice on January 19-24 and on March 15-19 to investigate the damage caused by the Hyogoken-Nanbu Earthquake.

Professor S. Kramer, Washington University, visited IIS, Univ. of Tokyo on March 12 - 20 to exchange the research information concerning the stability of retaining walls. He made a reconnaissance trip to Kobe together with Professor Konagai and his team to investigate soil-related damage.

Professor K. Ohi attended the Australasian Structural Engineering Conference held in Sydney, Australia, on September 1994, and presented a paper.

Professor K. Takanashi and professor K. Ohi attended the International Workshop and Seminar on Behavior of Steel Structures in Seismic Areas (STESSA '94) held in Timisoara, Rumania, from June 26 to July 1, 1994, and presented a paper.

Professor K. Takanashi made a quick look reconnaissance of the sites affected by the January 17, 1995, Hyogoken-Nanbu Earthquake, Japan. He was in the hardest-hit area during January 18-21 to see many of the damaged structures.

Professor K. Ohi, Dr. A. Nishida and a graduate student Mr. Yamashita visited Hyogo for research of the structures damaged by Hyogoken-Nanbu Earthquake on January 17, 1995. They were looking many of the damaged structures in Nishinomiya, Kobe, Takarazuka and Awaji Island during January 19-22.

Dr. M. J. Lee joined us as a visiting research fellow of IIS for a year, and returned to Korea on August 1994. Now he is a professor of Chung-Ang University in Korea.

Dr. K. Koh visited Stanford University in USA from December 1993 through November 1994 as a visiting academic and carried out the cooperative research with Prof. H. C. Shah on the reliability analysis of steel structures.

Professor Y. Hangai participated in the IASS-ASCE International Symposium held at Georgia World Congress Center Atlanta, Georgia, USA from April 24 to 28, 1994.

Professor Y.Hangai and associate professor K.Kawaguchi participated in the Third World Congress on Computational Mechanics held at Makuhari, Chiba, Japan from August 1 to 5, 1994.

Associate professor K.Kawaguchi was invited from ministry of education of China to the Institute of Building Structures in Beijing , Zhejiang University in Hangzhou and Dongji University in Shanghai and made some lectures.

Professor Y.Hangai invited professor Tibor Tarnai from Technical University of Budapest, Hungary, to the IIS, from November 1st to December 4. They carried out the cooperative research on "Bifurcation and singularities of both statically and kinematically indeterminate structures".

Associate professor K.Kawaguchi participated in the Fifth International Conference on Adaptive Structures held at Sendai, Japan, from December 5 to 7, 1994.

Professor F. Tatsuoka attended a technical seminar held at Tsinghua University , China, 4 - 5 April 1994 based on a cooperative research program between Tsinghua University and University of Tokyo.

Professor F. Tatsuoka attended Fifth Int. Conf. on Geotextiles, Geomembranes and Related Products held in Singapore, 4 - 5 September 1994 and was awarded the IGS AWARD 1994 by International Geotextile Society for development of a geosynthetic-reinforced soil system using a rigid facing and its application for permanent railway structures.

Professor F. Tatsuoka attended ASCE Annual Convention and Exposition held at Atlanta , USA, 9 - 13 October 1994 and gave an invited lecture entitled "Recent Case Histories of Permanent Geosynthetic Soil Retaining Walls".

Professor F. Tatsuoka, Dr. Y. Kohata, Mr. M.S.A. Siddiquee and Mr. J.N. Mukabi attended Int. Symposium on Pre-failure Deformation Characteristics of Geomaterials held at Sapporo, Japan, 12 - 14 September 1994 and presented papers. Professor F. Tatsuoka gave a keynote lecture entitled "Stiffness of Hard Soils and Soft Rocks in Engineering Applications".

Professor F. Tatsuoka visited National Cheng Kung University , Taiwan, 6 - 7 January 1995 and studied on geosynthetic-reinforced soil system.

Professor F. Yamazaki visited Tsinghua University, Beijing, China, together with Prof. F. Tatsuoka, Prof. K. Ishihara and Prof. I. Towhata during the second week of April 1994 according to the exchange program on research and education between the Department of Civil Engineering, The University of Tokyo and the Department of Civil Engineering, Tsinghua University.

Dr. Meguro visited Mt. Unzen, Shimabara, Nagasaki Prefecture, to investigate the damage due to debris flow and pyroclastic flow, April 25-26, 1994.

Professor F. Yamazaki served as the leader of a study tour of utility and transportation companies on May 20, 1994, as part of the technical program of the IDNDR Yokohama Conference held from May 23 to 27, 1994.

Professors Katayama, Pramanik and Herath and Dr. Meguro attended the World Conference on Natural Disaster Reduction -A Safer World for the 21st Century, in Yokohama, Japan. Prof. Katayama served as reporter of the Technical Committee Section "The Effects of Disasters on Modern Societies", May 22-27, 1994.

Professor F. Yamazaki attended the Hualien Consortium Workshop held in Paris and Lyon, France, from June 6 to 9, 1994. The project aims to study dynamic soil-structure interaction using large-scale model structure of nuclear reactor building built in Hualien, Taiwan. The international consortium consists of various organizations in the United States, Japan, Taiwan, France and Korea. The main topic of the meeting was correlation analysis of forced vibration tests of the model structure.

Professor Katayama was invited to give a presentation on "Lifeline Damage during the Niigata Earthquake and Its Implications" at the symposium on Seismic Disaster Mitigation to Mark the 30th Anniversary of the Niigata Earthquake, Niigata, Japan, June 17-18, 1994.

Professor F. Yamazaki and three graduate students (G.L. Molas, T. Ganey and T. Winkler) attended the fifth US National Conference on Earthquake Engineering held in Chicago, Illinois, USA, from July 10 to 14, 1994. They presented four technical papers in the conference.

Dr. Meguro was invited to give a presentation on "Today's Distinct Element Method: Issues, Applications and Potential" at the Japan-Russian Joint Seminar on Inversion and Ill-Posed Problems, and Seminar on Application of Elastic Equations to Engineering Problems, Kyoto, Japan, July 19-20, 1994.

Professor Katayama visited Singapore to attend the Third International Kerensky Conference on Global Trends in Structural Engineering and Post-Conference Workshop, July 20-24, 1994.

Professor Katayama and Dr. Meguro attended the 10th European Conference on Earthquake Engineering and WSSI Workshop in conjunction with 10ECEE, Vienna, Austria, August 27-September 4, 1994.

Dr. Meguro visited the Budapest Institute of Technology, Budapest, Hungary, and Electrowatt Engineering Services Ltd., Zurich, Switzerland, to investigate the trends of earthquake engineering in European countries, September 4-8, 1994.

Professor Katayama attended the Third IDNDR Pacific Disaster Reduction Meeting, Suva, Fiji, September 8-15, 1994.

Dr. Meguro attended the International Conference on Landslides, Slope Stability and The Safety of Infrastructures and presented a research paper entitled "Geo-Related Disasters and Their Countermeasures in Japan", Kuala Lumpur, Malaysia, September 13-14, 1994.

Professor Katayama attended the 9th International Seminar on Earthquake Prognostics, San Jose, Costa Rica, September 17-24, 1994.

Professor Katayama attended the Regional Seminar on Policy and Industrial Requirements for Disaster Mitigation in Asia and the Pacific, Asian Disaster Preparedness Center, Asian Institute of Technology, Bangkok, Thailand, October 3-5, 1994.

Professor F. Yamazaki and two graduate students (M.A. Ansary and T. Ganey) visited Hualien, Taiwan, from October 4 to 8, 1994. They performed microtremor observation of the reinforced concrete model structure and surrounding ground. On the way back, Prof. Yamazaki visited the Department of Civil Engineering, National Taiwan University in Taipei and delivered a lecture entitled "Recent research topics on earthquake engineering in Japan."

Professor Yamazaki, Dr. K. Meguro, Dr. H. Tong and Mr. M. Horiuchi conducted a reconnaissance survey of the Hokkaido-Toho-Oki Earthquake (M=8.1) on October 4, 1994. They visited Kushiro, Nemuro and the surrounding areas from October 6 and 7 (Meguro and Tong) and from October 15 to 17 (Yamazaki and Horiuchi). The report of the survey was published as a special issue of the INCEDE newsletter.

Professor Katayama and Dr. Meguro participated in Firesafety Frontier '94 -Tokyo International Fire Conference, Tokyo, Japan, October 18-22, 1994.

Dr. Meguro visited the University of the Philippines, PAGASA and the areas affected by the Mt. Pinatubo eruption to study lahar flow, October 23-30, 1994.

Professor F. Yamazaki attended the Hualien Consortium Workshop held in Palo Alto, California, USA, from November 29 to December 2, 1994. The main topic of the workshop was the earthquake response analysis of the model structure. Prof. Yamazaki presented three papers on 1) earthquake response analysis, 2) orientation error estimation of the array seismometers, and 3) results of microtremor observation in Hualien.

Professor Katayama participated in the World Seismic Safety Initiative (WSSI) High Level Meetings (HLMs) and Seminar on Earthquake Risk, Dhaka, Bangladesh, and Colombo, Sri Lanka, December 4-11, 1994.

Professor T. Katayama, Prof. F. Yamazaki and Dr. K. Meguro attended the fourth Japan-U.S. Workshop on Urban Earthquake Hazards Reduction held from January 17 to 19, 1995 in Osaka. Since Prof. Katayama and Prof. Yamazaki were appointed as session coordinators of the conference, they attended the coordinator meeting held in the evening of January 16th. The Great Hanshin Earthquake occurred in the early morning of the 17th. Hence, the conference could not proceed with the original schedule.

Prof. T. Katayama, Prof. F. Yamazaki, Dr. K. Meguro, Dr. H. Tong, and all the students of the group visited Kobe and Awaji Island areas several times to investigate the damage due to the

Hyogo-Ken-Nanbu Earthquake (Great Hanshin-Awaji Earthquake Disaster). A quick report of the survey was published as a special issue of the INCEDE newsletter.

Professor Katayama and Dr. Meguro visited the University of the Philippines and PAGASA to give presentations on the Great Hanshin-Awaji earthquake disaster, Manila, Philippines, February 5-9, 1995.

Dr. M.A.H. Pramanik, Visiting Professor of INCEDE retired in March 1995. Dr. A.S. Herath, Associate Professor of INCEDE and Dr. K. Meguro, Research Associate of INCEDE were promoted to Visiting Professor and Associate Professor, respectively, on April 1, 1995.