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Dr. Chung-Che Chou is an associate professor in the Department of Civil Engineering at the National Taiwan University. He is also an associate research fellow at the National Center for Research on Earthquake Engineering. He received his Ph.D. degree in Structural Engineering from the University of California, San Diego in 2001. He was also an assistant project scientist at UC San Diego from 2001-2003 for conducting research on the seismic performance of the New San Francisco Oakland Bay Bridge. He was a faculty member in the Department of Civil Engineering at the National Chiao Tung University, Taiwan during 2003-2008. Dr. Chou research interests include seismic design and rehabilitation of steel and composite structures, post-tensioned self-centering structures, earthquake engineering, and large-scale testing of structures.



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J.C. Huang is a senior researcher and executive assistant to the Director General at Energy and Environment Laboratories (EEL), Industrial Technology Research Institute (ITRI), Chutung Township, HsinChu County, Taiwan. Before joining EEL/ITRI, he worked at Taipei with Science and Technology Advisory Group (STAG) of the Executive Yuan for 20 years. His professional interests cover civil and environmental engineering, climate change mitigation and adaptation, earth sciences, energy and resources, as well as technology management. He was trained in geosciences (geophysics), fluid mechanics and groundwater flow computer simulation, and technology management.



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Dr. Ko-Fei Liu is a professor in the Department of Civil Engineering at the National Taiwan University. He received his Ph.D. degree from Department of Civil Engineering, Massachusetts Technology of Institute. He had been the vice chairman of the Department of Civil Engineering National Taiwan University and the deputy division head of the Slope and Disaster Reduction Division in the National Science and Technology Center for Disaster Reduction (NCDR). He had also been a visiting scholar at Hong Kong University. His research interests include debris flow modeling, monitoring system automation, rheological measurements, hazard assessments, wave dynamics and groundwater hydraulics.



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Prof. Shaw C. Liu has been a Distinguished Research Fellow and the Director of Research Center for Environmental Changes in the Academia Sinica, Taipei, China since 1999. Prof. Liu has had a distinguished career in the Aeronomy Laboratory of USA NOAA Environmental Research Laboratory, a world famous lab for atmospheric chemistry, for about 20 years (1978-1996). At Aeronomy Lab he first served as a research physicist, and was promoted to the Chief of Teoretical Aeronomy Program in 1980. In 1996 he was appointed as an endowed chair professor at the Georgia Institute of Technology and the Director of Air Resources and Engineering Center.

Prof. Liu was elected a Fellow of the American Geophysical Union in 1994. He is also a Fellow of the Chinese Meteorological Society. Prof. Liu served as Editor-in-Chief of the Journal of Geophysical Research-Atmospheres (JGR) from 1988 to 1991. In addition, he served as a co-chair of the IGBP/IGAC Scientific Steering Committee from 2003 to 2005.

Prof. Liu's major research interest is in atmospheric chemistry, air pollution, climate change, and biogeochemistry. Prof. Liu has made outstanding contributions in research areas of atmospheric chemistry and environmental changes. These research results helped him earn a spot as one of the first few Chinese geoscientists in the prestigious ISI Highly Cited Researchers.



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Dr. Sung research interests include performance-based design of the structure, structural optimization and natural hazard mitigation of the bridges. Dr. Sung was awarded the Best Paper offered by the Journal of Structural Engineering as well as the Journal of the Chinese Institute of Engineers in 2005 and 2007, respectively.



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Dr. Yang is a professor in the Department of Civil Engineering and presently serves as the Chair of the Center for Environmental Restoration and Disaster Reduction (CERDR) at National Chung Hsing University. He received his B.S. degree in civil engineering from the National Chiao Tung University, Taiwan, in 1990, and the M.S. and the Ph.D. degrees in 1993 and 1996, respectively, from Department of Civil and Environmental Engineering and Geodetic Science, the Ohio State University, Columbus, Ohio, USA. His research interests include image processing, remote sensing, geographic information system, and environmental monitoring. Recently, research efforts have been put on applying remote sensing on disaster monitoring and assessment, such as mapping of the 26 December 2004 tsunami disaster by using FORMOSAT-2 images and applications of remotely sensed data to the disaster assessment of landslides induced by Chi-Chi earthquake, Typhoon Mindulle, and Typhoon Morakot.



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Dr. George C. Yao is a professor in the Department of Architecture at the National Cheng Kung University. He received his Ph.D. degree in Civil Engineering from the University of Buffalo, USA. He is also the chief editor of a national accredited journal, Journal of Architecture. In the past 15 years, his research is devoted to the application of structural technique, such as structure analysis and modal testing, on non-structural component improvement against earthquakes. Several patents were developed as a result of his research. He also serves as an earthquake consultant for several high-tech factories in Taiwan. In the last two years, he participated in an international working group to develop an ISO standard for non-structural element.