

SHORT BIOGRAPHY

Name: KOKUSHO, Takaji; PhD (Dr. Eng.), Registered Engineer.

Nationality: Japan

Degree and Job history:

Professor, Emeritus, Chuo University, Tokyo, Japan, since 2015.
Professor in Civil & Environmental Engineering Department,
Faculty of Science and Engineering, Chuo University since 1996.
Director of Siting Technology Department, Central Research Institute
of Electric Power Industry (CRIEPI) since 1989.
Head of Geotechnical Engineering Section, CRIEPI since 1983.
PhD. (Doctor of Engineering) from the University of Tokyo, in 1982.
MS Degree from Duke University USA in 1975.
MS Degree from the University of Tokyo, Japan, in 1969.



Specialty:

Dynamic soil properties and their evaluation
Dynamic response of ground
Liquefaction of sand/gravelly fines-containing sands
Earthquake-induced slope failure

Activities in Academic Societies:

President of Kanto-Chapter, Japanese Geotechnical Society (2011-2014)
Chairman of Organizing Committee, IS-Tokyo2009 (Performance-Based Design in Earthquake Geotechnical
Engineering) (2008-2009)
Chairman of TC4 (Earthquake Geotechnical Engineering), ISSMGE (2005-2009)
etc.

Awards:

Research paper Award from Japanese Geotechnical Society (2014)
Research paper Award from Japan Society for Civil Engineers (2005)
etc.

Publications:

Fundamentals of earthquake geo-dynamics (2014): Kashima-Publishing Co., Tokyo.
Soil liquefaction- A keyword for interpreting earthquake damage- (2005): Sankaido-Publishing Co., Tokyo.
Performance-Based Design in Earthquake Geotechnical Engineering - from Case History to Practice-
edited and written by Kokusho, T. (2009): CRC Press, London.
etc.

English Journal Paper:

Kokusho, T. (2015): Liquefaction research by laboratory tests versus in situ behavior, 5th Ishihara Lecture, *Proc. 6th International Conference on Earthquake Geotechnical Engineering*, 6th ICEGE, ISSMGE, Christchurch, New Zealand.
More than 100 reviewed English Journal/Conference papers.