

## Achievement Award



Dr. Tadaaki TANABE

(Executive Director of Chubu Regional Institute of Infra-Technology Evaluation and Support / Emeritus professor of Nagoya University)

### Career:

April 2004 to date Executive Director of Chubu Regional Institute of Infra-Technology Evaluation and Support  
April 2004 Emeritus professor, Nagoya University  
May 1999 - May 2001 Chairman of Japan Prestressed Concrete Institute  
April 1997 Professor of Graduate School, Nagoya University  
March 1984 Professor of School of Engineering, Nagoya University  
April 1981 Associate Professor of School of Engineering, Nagoya University  
October 1976 - May 1979 Associate Professor, Asian Institute of Technology  
April 1971 Research fellow of the Central Research Institute of Electric Power Industry  
March 1971 Doctor of engineering, The University of Tokyo  
March 1971 Completed the doctoral course in the Graduate School of Engineering, The University of Tokyo

### JSCE record:

June 2012 Honorary member  
2006-2007 Chairman of Yoshida Award Selection Committee  
1998-1999 Counselor of JSCE Chubu Branch  
1997-1998 Chairman of Structural Engineering Committee  
1996 Councilor  
1994-1995 Chairman of Thesis Award Selection Committee  
1994-1995 Chairman of the Editorial Committee on Technical Publications  
1983-1984 Chairman of Event Planning Committee  
April 1995 Fellow  
June 1968 Joined the Japan Society of Civil Engineers

Research by Dr. Tadaaki Tanabe has produced a number of important results including, when he was very young, clarification of the constitutive law of concrete and the mechanism by which initial defects are generated, analysis of temperature stresses in concrete structures, development of computational dynamics and dynamic models of concrete, and clarification of the ultimate behavior of concrete structures. These accomplishments have been incorporated into the JSCE's Standard Specifications for Concrete Structures, where they have contributed greatly to the construction of high-quality concrete structures by preventing initial cracking and improving seismic performance.

Dr. Tanabe was a member of the Concrete Committee and has played a key role in underpinning the technological advancement of concrete structures in Japan. Moreover, he has contributed to the JSCE's progress on academic and managerial fronts by acting as chairman of the Event Planning Committee, Structural Engineering Committee, Publication Collection Editorial Committee, Publication Award Selection Committee, and Yoshida Award Selection Committee. He was also a JSCE councilor and a counselor of JSCE Chubu Branch.

For the reasons cited above, Dr. Tanabe has been recognized as a person worthy of the Achievement Award.