

Yoshida Award for Research Accomplishment

**PIONEERING RESEARCH ACTIVITIES RELATED TO THE PRODUCTION,
CONSTRUCTION, AND MAINTENANCE OF REINFORCED CONCRETE STRUCTURES**



Dr. Taketo UOMOTO

(Public Works Research Institute, Emeritus Professor of The University of Tokyo)

The academic achievements of Dr. Uomoto range over many fields, including production methods for highly durable concrete structures, the modeling and evaluation of cracking (both during construction and over the service life) and its effect on durability, non-destructive testing methods for rational maintenance, and the development of materials for retrofitting to reduce repair time and costs.

These achievements, all of which emphasize the importance of production, construction and maintenance of reinforced concrete, can be regarded as comprehensive and pioneering work. Engineers in the concrete industry have benefited greatly from Dr. Uomoto's efforts. His research results are often quoted in the academic press, including both domestic and international journals, as well as in various codes and standards. These days there is much more academic research and technological development relating to the durability and maintenance of concrete structures, but it can be said with certainty that he is one of the world's foremost researchers in these fields.