

## **Achievement Award**

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### **Koji Takewaka**

Representative Director, Research Organization for Diagnostic Techniques for Structures, Professor Emeritus Kagoshima University

### **Reason for the Award**

Koji Takewaka has conducted pioneering research over many years that has contributed to the improvement of the durability of concrete structures from the viewpoint of materials, design, construction, and maintenance, thereby contributing to the development of concrete technology and life extension of infrastructure that supports a sustainable society.

At the Japan Society of Civil Engineers, he has made a major contribution to the development of the JSCE Standard specifications for concrete structures, the technical standards for concrete in Japan. In particular, in the Durability Verification section of the Construction section that was adopted in 1999, he introduced durability verification of structures, a world's first. Also, he played a leading role as technical editor for the adoption and amendment of the Maintenance section of the 2007 edition, the Basic Rules section of the 2012 edition, and the Construction section of the 2017 edition of the Specifications. Also, he has contributed to the formulation of many JSCE recommendations and JSCE standards regarding materials and construction methods, as well as the branch activities and international activities of the society. He has also, in conjunction with the Research Organization for Diagnostic Techniques for Structures which he founded as Representative Director, nurtured the development of engineers, supported technologies, and promoted research and development activities through industrial-academic cooperation.

For the above reasons, it has been recognized that he is a worthy recipient of the Achievement Award.