

## Committee activities

### International committee

- Associated member, Committee 215 on fatigue of concrete (ACI, 1984-99)
- Secretary, International committee on concrete model code for Asia (ICCMC, 1994-1997)
- Member, International committee on concrete model code for Asia (ICCMC, 1997 to date)
- Coordinator, Working group on design, International committee on concrete model code for Asia (ICCMC, 1997-99)
- Chairman, International committee on concrete model code for Asia (ICCMC, 2004 to date)
- Vice-chairman, International committee on concrete model code for Asia (ICCMC, 2000-2002)
- Executive council member, International committee on concrete model code for Asia (ICCMC, 2000 to date)
- Executive council member (Treasurer), Asian Concrete Federation (ACF, 2004-2006)
- Vice-president, Asian Concrete Federation (ACF, 2009 to date)
- Liaison member, Technical committee 4.5 on bond model (*fib*, 1995 to date)
- Member, Commission 8 on concrete (*fib*, 1998 to date)
- Member, Technical committee 8.2 on constitutive laws for high strength/high performance concrete (*fib*, 1999 to date)
- Liaison member, Technical committee 4.1 on serviceability (*fib*, 2000 to date)
- Member, Special activity group 5 on new model code (*fib*, 2004 to date)
- Vice-president, International Institute for FRP in Construction (IIFC, 2003-2006)
- Council member, International Institute for FRP in Construction (IIFC, 2003 to date)
- Advisory Committee member, International Institute for FRP in Construction (IIFC, 2008 to date)
- Member, RILEM TC “FRP-concrete bond in structural strengthening and rehabilitation” (2004 to date)
- Member, RILEM TC “Modelling of life time of concrete under different types of frost and de-icing salt attack” (2004 to date)
- Member, Editorial committee for Composites in Construction (ASCE, 2001 to date)
- Editor, FRP International (1999-2003)
- Member, ISO/TC 71 “Concrete, reinforced concrete and prestressed concrete” (ISO, 2001 to date)
- Chair, ISO/TC71/SC7 “Maintenance and repair of concrete structures” (ISO, 2010 to date)
- Secretary, ISO/TC 71/SC7 “Maintenance and repair of concrete structures” (ISO, 2004-2009)
- Member, ISO/TC71/SC6 “Non-traditional reinforcing materials for concrete structures” (ISO, 2003 to date)
- Member, ISO/TC71/SC4 “Performance requirements for structural concrete” (ISO, 2001 to date)
- Invited member, WC8 “Operation, Maintenance and Repair” (IABSE, 2005-2007)
- Member, WC8 “Operation, Maintenance and Repair” (IABSE, 2007 to date)
- Member, Editorial Board of International Journal of Concrete Structures and Materials (IJCSM), (Korea Concrete Institute or KCI, 2007 to date)

### National committee

- Member, Committee on revision of standard specification of concrete structures (JSCE, 1984-86, 1990-91, 1992-94)
- Member, Committee on structural mechanics (JSCE, 1985-87)
- Member, Committee on steel-concrete composite construction (JSCE, 1985-87)
- Member, Committee on review of references (JSCE, 1985-87)
- Secretary, Committee on study of construction method with stay-in-place prestressed concrete panel (JSCE, 1985-87)
- Secretary, Committee on English translation of standard specification of concrete structure (JSCE, 1986-88)
- Secretary, Selection committee on annual prize for best paper (JSCE, 1990-92)
- Member, Research committee on hybrid structure (JSCE, 1990-93)
- Secretary, Research committee on steel-concrete sandwich structure (JSCE, 1990-92)

Member, Editorial committee on journal of structural engineering (JSCE, 1990-96)  
Member, Editorial committee on concrete library international (JSCE, 1991-94, 1997-99)  
Member, Research committee on continuous fiber reinforcing material (JSCE, 1992-94)  
Member, Working group on ultimate strength of composite structure, Research committee on ultimate strength of steel structure (JSCE, 1993-96)  
Secretary, Joint committee on steel-concrete composite structure (JSCE, 1994-2003)  
Vice-chairman, Joint committee on steel-concrete composite structure (JSCE, 2003-2005)  
Secretary, Committee on hybrid structure (JSCE, 1995-97)  
Secretary, Committee on automatic enclosed welding joint (JSCE, 1995-97)  
Member, Working group, Special investigation committee on Great Hanshin-Awaji Earthquake (JSCE, 1995-96)  
Member, Editorial committee for investigation report on Great Hanshin-Awaji Earthquake (JSCE, 1995-97)  
Member, Committee on standard specification of concrete structures (JSCE, 1995-99)  
Coordinator, Working group on study on seismic retrofit of bridge pier and others, Joint committee on steel-concrete composite structure (JSCE, 1996-98)  
Coordinator, Editorial committee on journal of structural engineering (JSCE, 1996-98)  
Chairman, Committee on retrofit design (JSCE, 1996-2000)  
Member, Working group on serviceability, Committee on standard specification of concrete structures (JSCE, 1996-99)  
Member, Managing committee on structural engineering (JSCE, 1997 to 2001)  
Coordinator, Working group of retrofit design part, Committee on standard specification of concrete structures (JSCE, 1998-99)  
Member, Working group on construction part, Committee on standard specification of concrete structures (JSCE, 1998-99)  
Secretary, Committee on upgrading of concrete structures with FRP sheet (JSCE, 1998-2000)  
Coordinator, Working group on composite beam, Joint committee on steel-concrete composite structure (JSCE, 1999 to 2002)  
Member, Editorial committee on journal of JSCE (JSCE, 1999 to 2001)  
Member, Working group on revision of design part, Committee on revision of standard specification for concrete structures (JSCE, 1999 to 2002)  
Coordinator, Sub-working group 3, Working group on revision of seismic design part, Committee on revision of standard specification of concrete structures (JSCE, 1999 to 2002)  
Member, Executive committee, Concrete committee (1997 to date)  
Member, Committee on structural engineering (2000 to date)  
Chairman, Executive committee for Committee on structural engineering (2003-2005)  
Member, Committee on FRP bridge technology (JSCE, 2004 to date)  
Member, Editorial committee on journal of materials, concrete structures and pavements (JSCE, 1999 to 2001)  
Member, Working group on academic affairs, Committee on Annual Convention (JSCE, 2001 to 2002)  
Chairman, Committee on English Version of Concrete Standard Specification (JSCE, 2002-2004)  
Chairman, Committee on usage of innovative structural materials (JSCE, 2004-2007)  
Member, Committee on Standard Specification of Concrete Structures (JSCE, 2003-2005)  
Member, Committee on splice joints (JSCE, 2005-2008)  
Chairman, Committee on hybrid structures (JSCE, 2005 to date)  
Chairman, Committee on hybrid technology with new materials (JSCE, 2005-2008)  
Member, Committee on Revision of Standard Specification (JSCE, 2005-2007)  
Member, Committee on Award (JSCE, 2006-2008)  
Member, Committee on Selection of Board Member Nominee (JSCE, 2006-2008)  
Member, Committee on Yoshida Prize (JSCE, 2006 to date)  
Member, Committee on Standard Specification for Common Part (JSCE, 2006 to date)  
Member, Committee on Plan for Standard Specification of Concrete Structures (JSCE, 2007 to date)  
Member, Committee on Stainless Steel Reinforcement (JSCE, 2007-2008)

Member, Committee on Epoxy-coated Prestressing Tendon (JSCE, 2008 to date)  
Chairman, Committee on Standard Specification for Hybrid Structures (JSCE, 2008 to date)  
Chairman, Committee on English Version of Standard Specification on Concrete Structures (JSCE, 2008 to date)  
Member, Committee on Standard Specification of Concrete Structures (JSCE, 2008 to date)  
Chairman, Research Committee on Hybrid Technology with Polymer (JSCE, 2009 to date)  
Member, Secretary meeting (JSCE Hokkaido Chapter, 1994-96, 1999-2001)  
Member, Committee on selection of technological chapter award (JSCE Hokkaido Chapter, 2006-2008)  
Member, Council (JSCE Hokkaido Chapter, 2006 to date)  
Member, Research committee on precast concrete structure (JCI, 1985-87)  
Member, Research committee on ductility evaluation of RC structures (JCI, 1985-87)  
Secretary, Committee on review of references (JCI, 1985-87)  
Member, Referee committee on papers for annual convention (JCI, 1986-87)  
Member, Organizing committee on annual conference (JCI, 1990-91)  
Member, Research committee on repair work of concrete structure (JCI, 1990-95)  
Member, Research committee on application of fracture mechanics (JCI, 1991-93)  
Secretary, Research committee on concrete model code for Asia (JCI, 1992-94)  
Member, Editorial working group on Transactions of JCI (JCI, 1993-96)  
Secretary, Research committee on concrete model code (JCI, 1994-97)  
Member, Research committee on continuous fiber reinforced concrete (JCI, 1995-98)  
Coordinator, Local organizing committee for FRPRCS-3 (JCI, 1995-97)  
Member, Editorial committee on concrete journal (JCI, 1995-97)  
Member, Referee committee on proceedings of JCI (JCI, 1995-97)  
Associated member, Local organizing committee for FRAMCOS-3 (JCI, 1996-98)  
Member, Selection committee on candidate for directors (JCI, 1996-98)  
Member, Working group 2, Committee on ISO/TC71 (JCI, 1996 to date)  
Member, Mirror Committee on ISO/TC71 (JCI, 2000 to date) and Secretary (2000 to 2003), Vice-chairman (2006-2008), Chairman (2008 to date)  
Coordinator, Working group 3, Committee on ISO/TC71 (JCI, 2003 to 2005), Member (2006 to date)  
Member, Working group 4, Committee on ISO/TC71 (JCI, 2005 to date)  
Coordinator, Research committee on unified code for design and construction of civil and architectural concrete structures (JCI, 1999 to 2001)  
Member, Organizing Committee on Annual Conference 2001 (Sapporo) (JCI, 2000 to 2001)  
Member, Working group on memorial events, Committee on Annual Conference 2001 (Sapporo) (JCI, 2000 to 2001)  
Member, Committee on international activities (JCI, 2000 to date)  
Coordinator, Working group on JCI-KCI Joint Seminar (JCI, 2004)  
Member, Committee on international information transfer (JCI, 2000 to 2002)  
Member, Committee on 21<sup>st</sup> century memorial event (JCI, 2000 to 2001)  
Member, Working group on Asian concrete forum (JCI, 2000 to 2001)  
Chairman, Committee on Asian Concrete Model Code (JCI, 2001 to date)  
Chairman, Research committee on retrofit technology for concrete structures (JCI, 2001-2003)  
Member, Research committee (JCI, 2001-2003)  
Member, Editorial committee on Advanced Concrete Technology (JCI, 2002 to date)  
Member, Working Group for Asian Concrete Federation (JCI, 2005-2009)  
Member, Committee on 40<sup>th</sup> anniversary (JCI, 2005-2006)  
Member, Committee on examination for licensed concrete engineer (JCI, 2006-2008)  
Member, JCI-KCI Joint Committee on Performance Assessment (JCI, 2006-2009)  
Member, Committee on JCI award (JCI, 2007-2009)  
Member, Organizing Committee on Annual Conference in Sapporo (JCI, 2008-2009)  
Secretary, Committee on Guidelines for Performance Assessment of Existing Structures (JCI, 2009 to date)  
Advisor, Mirror Committee on Asian Concrete Federation (JCI, 2009 to date)

Member, Expanded secretary meeting (JCI Hokkaido chapter, 1993-2000)  
Member, Executive committee (JCI Hokkaido chapter, 2000 to date)  
Secretary, Research committee on hybrid structure (JCI Hokkaido chapter, 1993-97)  
Member, Research committee on new material (JCI Hokkaido chapter, 1993-97)  
Member, Research committee on recycle in concrete technology (JCI Hokkaido chapter, 1995-99, 2000-2005)  
Member, Committee on preparation of JCI 2001 convention (JCI Hokkaido chapter, 1999-2000)  
Chairman, Research committee on recycle in concrete technology (JCI Hokkaido chapter, 2004-2005)  
Chairman, Research committee on application of recycled aggregate (JCI Hokkaido chapter, 2005 to date)  
Secretary, Research committee on retrofit and repair of concrete structure (JCI Hokkaido chapter, 1997-99)  
Member, Research committee on durability design for concrete structures with frost damage (2004 to date)  
Member, Committee on prestressed concrete containment structures for storage of refrigerated liquefied gases (JPCEA, 1985-87)  
Chairman, Committee on performance-based design for prestressed concrete structures (JPCEA, 2003-2007)  
Corresponding member, Committee on Application of High Strength Prestressing Tendon to Prestressed Concrete Structures (JPCEA, 2009 to date)  
Member, Managing committee, Research committee on concrete (Hokkaido Society of Civil Engineers, 1991 to date)  
Member, Committee on design details (Hokkaido Society of Civil Engineers, 1994 to date)  
Coordinator, Working group on durability design with continuous fiber reinforcement (Hokkaido Society of Civil Engineers, 2003-2005)  
Member, Committee on international activities (Hokkaido Society of Civil Engineers, 1999 to date)  
Member, Committee on planning (Hokkaido Society of Civil Engineers, 1999 to date)  
Member, Committee on disaster mitigation facility (Hokkaido Society of Civil Engineers, 2004 to date)  
Member, Committee on structure (Association for submerged tunnel, 1991-95)  
Member, Local organizing committee for IABSE Tokyo symposium, Tokyo (IABSE Japan chapter, 1985-86)  
Member, Local organizing committee for EASEC-2 (AIT, 1988-89)  
Member, Investigation committee on panel system caisson (Ministry of Transport, 1992-97)  
Member, Technological investigation committee on Shikari Ohashi bridge (Hokkaido Development Bureau, 1995-2000)  
Member, Investigation committee on steel-concrete hybrid structure (Japan Highway Corporation, 1995-98)  
Member, Technological investigation committee on Tokachi Ohashi bridge (Hokkaido Development Bureau, 1995-98)  
Member, Investigation committee on construction work of Obihiro viaduct (Tekken Construction Co. Ltd., 1994-97)  
Member, Investigation committee on Shinkotoni viaduct (Taisei Corporation, 1997-2000)  
Member, Working group on application to cement and concrete (Hokkaido Electric Power Co. Ltd., 1999-2005)  
Member, Secretary group, Committee on design basis for civil and architectural structures (Ministry of Construction, 2000-2002)  
Secretary, Committee on Design Standard for Railway Concrete Structures (Ministry of Transport, 2000-2004)  
Member, Technical committee on Kitago Viaduct (Sapporo City, 2001-2004)  
Member, Committee on AUN-SEED-Net Project (JICA, 2005 to date)  
Member, Committee on Internationalization of Codes in Asia-Pacific Region (JSA, 2002-2003)  
Chairman, Technical committee on Kariki 5 go kyo bridge (Wako Giken, 2003 to 2005)

Member, Committee on seismic design of bridges with consideration of cost reduction (JH, 2004-2006)

Member, Technical committee on incremental launching method for prestressed concrete box girder bridge with corrugated steel web (JH, 2004-2006)

Member, Advisory committee for International Center for Coastal Technology (Coastal Technology Center, 2004 to date)

Member, Committee on road maintenance technology (Hokkaido Road Maintenance Technology Center, 2004 to date)

Member, Working group on seismic resistance of large-scale bridges (Hokkaido Road Maintenance Engineering Center, 2004-2008)

Chairman, Committee on quality assurance of superstructure of Kiroro Bridge (Hokkaido Road Maintenance Engineering Center, 2006-2008)

Chairman, Committee on construction of Shin-Otanoshike Viaduct (JR Hokkaido, 2007-2009)

Member, Advisory Panel on Preventive Maintenance of Highway Bridges (Ministry of Land, Infrastructure and Transport, 2007-2008)

Member, Sapporo City Panel on Repair Plan of Long Life of Bridge (2008 to date)

Member, Advisory Panel on Repair Plan for Long Life of Bridge (Hokkaido Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism, 2009 to date)

Representative member, Examination Committee on General Evaluation for Hidaka Branch Office, Hokkaido (2009 to date)

Representative member, Examination Committee on General Evaluation for Morizukuri Center of Hidaka Branch Office, Hokkaido (2009 to date)

Representative member, Examination Committee on General Evaluation for Iburi Branch Office, Hokkaido (2009 to date)

Representative member, Examination Committee on General Evaluation for Muroran Civil Engineering Office, Hokkaido (2009 to date)

Chairman, Committee on Design Standard for Railway Hybrid Structures (Ministry of Land, Infrastructure, Transport and Tourism, 2010 to date)

### **On campus**

Secretary, Committee on international exchange activities (Faculty of Engineering, University of Tokyo, 1984-86)

Member, Committee on editing of publications (Faculty of Engineering, University of Tokyo, 1986-87)

Member, Campus planning committee (AIT, 1987-89)

Member, Working group of academic development and review committee (AIT, 1989)

Member, Committee on public relations (Faculty of Engineering, Hokkaido University, 1993-95)

Member, Committee on academic affairs (Graduate School of Engineering, Hokkaido University, 1997-1998)

Member, Working group on entrance examination (Graduate School of Engineering, Hokkaido University, 1999)

Member, Working group on preparation of English course (Graduate School of Engineering, Hokkaido University, 1998-1999)

Member, Representative group for English program for socio-environmental engineering (EGPSEE) (Graduate School of Engineering, Hokkaido University, 1999-2003)

Member, Committee on Taiken-nyugaku (Faculty of Engineering, Hokkaido University, 2002)

Member, Committee on curriculum (Faculty of Engineering, Hokkaido University, 2005-2006)

Member, Committee on general academic affairs (Faculty of Engineering, Hokkaido University, 2005-2006)

Member, Research strategic plan (Graduate School of Engineering, Hokkaido University, 2006 to date)

Member, Committee on scientific matters (Gakujutsu Iinkai) (Graduate School of Engineering, Hokkaido University, 2006 to date)

Member, WG on technical staff (Faculty of Engineering, Hokkaido University, 2007 to date)

Head, Division of Built Environment (FY2007)  
Head, Department (Program) of Civil Engineering (FY2008)  
Member, Committee on English Program (2007-2008)  
Member, Working Group, Committee on English Program (2007 to date)  
Member, Committee on English Program (2009 to date)  
Member, Project Team for Global 30 (2009 to date)  
Member, Working Group on Education for Foreign Language (2009 to date)