

Title and Authors of Technical Committee Reports of JCI (2007-2016)

(2007年～2016年の委員会報告一覧)

Year	No. of Committee Report	Title	Authors	URL
2007	JCI-TC046FS	Assessment of Damage and Restorability of Reinforced Concrete Structures Damaged by Earthquakes	Nobuaki SHIRAI, Hikaru NAKAMURA, Hideyuki KINUGASA, Susumu KONO, Kaoru KOBAYASHI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2007/46FSshisaikozo.pdf
2007	JCI-TC051A	Diagnosis and Retrofit of Historic Structures in Architectural and Civil Engineering Fields	Yasuo TANIGAWA, Masanori TUJI, Shigemitsu HATANAKA, Hitoshi HAMASAKI, Takayoshi AOKI, Takahiko SASAKI, Takehiro SAWAMOTO, Toshikazu HANAZATO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2007/51Arekishikozo.pdf
2007	JCI-TC052A	Development of Ecological and Environmental Assessment for Environmentally Friendly Concrete	Minoru KUNIEDA, Tsuyoshi Horiguchi, Takahisa OKAMOTO, Yoshitaka ISHIKAWA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2007/52Akankyocon.pdf
2007	JCI-TC053A	the Probability of Risk in Concrete Construction	Yasuhiko YAMAMOTO, Shigeyuki SOGO, Sakae USHIJIMA, Takafumi NOGUCHI, Gaku SHOJI, Toshiharu NAKAMURA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2007/53Arisk.pdf
2007	JCI-TC054A	Aggregate Qualities and Effective Use of Poor Quality Aggregates	Katsuro KOKUBU, Shigeyuki SOGO, Hirota KAWANO, Takafumi NOGUCHI, Makoto HISADA, Ryuichi CHIKAMATSU	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2007/54Akotuzai.pdf
2008	JCI-TC055FS	the Environmental Performance of Concrete Structures	Koji SAKAI, Takafumi NOGUCHI, Kenji KAWAI, Tadatsugu KAGE, Eiji OWAKI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2008/TC055FS.pdf
2008	JCI-TC061A	Time-dependent Behavior of Cement-based Materials	Tada-aki TANABE, Kenji SAKATA, Hirozo MIHASHI, Koichi MAEKAWA, Ryoichi SATO, Hikaru NAKAMURA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2008/TC061A.pdf
2008	JCI-TC062A	ASR Inhibition Measures and Diagnosis Based on its Action Mechanisms	Kazuyuki TORII, Kazuo YAMADA, Hirohisa KOGA, Yoshimori KUBO, Toru YAMAJI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2008/TC062A.pdf
2008	JCI-TC063A	Utilization of High-strength/High-ductility Concrete	Shunsuke SUGANO, Takafumi NOGUCHI, Hideki KIMURA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2008/TC063A.pdf
2008	JCI-TC064A	Utilization of Nonlinear Finite Element Method	Hikaru NAKAMURA, Yoshio KANEKO, Yasuhiko SATO, Yuichi SATO, Shigehiko SAITO, Tadahiko TSUTSUMI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2008/TC064A.pdf
2008	JCI-TC065A	the Method of Evaluating Resistance to Freezing and Thawing of Concrete	Hirota KAWANO, Osamu SENBU, Fumio TAGUCHI, Toyoharu NAWA, Minoru ABA, Ryuichi CHIKAMATSU, Hiroshi KATAHIRA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2008/TC064A.pdf
2009	JCI-TC071A	the Design and Utilization of Precast Concrete Products	Masahiro YURUGI, Masafumi KITATSUJI, Makoto HISADA, Yoshihisa NAKATA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2009/TC071A_tcr09.pdf
2009	JCI-TC072A	Seismic Resistance of Pilotis Structures and Rigid Frame Viaducts and the Seismic Design (Soft-story Design)	Kazuo SUZUKI, Manabu YOSHIMURA, Norio INOUE, Hiroshi KURAMOTO, Yukihiko TANIMURA, Tomohisa MUKAI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2009/TC072A_tcr09.pdf
2009	JCI-TC073A	Utilization of Prestressing Techniques	Minehiro NISHIYAMA, Tadashi NAKATSUKA, Susumu INOUE	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2009/TC073A_tcr09.pdf
2009	JCI-TC074A	Quality Control Testing Method to Assess the Certainty of Construction	Toshiki AYANO, Tsuyoshi MARUYA, Masarou KOJIMA, Kimitaka UJI, Keiichi IMAMOTO, Shinji URANO, Ken-ichirou NAKARAI, Yasumichi KOSHIRO, Koichi TAKAHASHI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2009/TC074A_tcr09.pdf
2009	JCI-TC075B	Autogenous Healing in Cementitious Materials	Shin-ichi IGARASHI, Minoru KUNIEDA, Tomoya NISHIWAKI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2009/TC075B_tcr09.pdf

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2010	JCI-TC081A	Minimization of Global Warming Substances and Wastes in Concrete Sector	Koji SAKAI, Takafumi NOGUCHI, Eiji OWAKI, Kenji KAWAI, Akio KOYAMA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2010/TC081A.pdf
2010	JCI-TC082A	Overseas Standards and Requirements for Concrete Materials	Taketo UOMOTO, Yoshinobu NOBUTA, Kazuo YAMADA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2010/TC082A.pdf
2010	JCI-TC083A	Reduction of Shrinkage Cracks and Durability Enhancement from Viewpoints of Mineral Admixtures	Toyoharu NAWA, Kazuo YAMADA, Tetsushi KANDA, Makoto HISADA, Yoshitaka ISHIKAWA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2010/TC083A.pdf
2010	JCI-TC084A	Performance-Oriented Seismic Rehabilitation	Shunsuke SUGANO, Hiroshi FUKUYAMA, Masaki MAEDA, Kenji KOSA, Masaomi TESHIGAWARA, Susumu NAKAMURA, Keiji KITAJIMA, Daisuke TSUKISHIMA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2010/TC083A.pdf
2011	JCI-TC091A	Self-healing / Repairing Technology in Cement-based Materials	Shin-ichi IGARASHI, Akira HOSODA, Takashi HITOMI, Kei-ichi IMAMOTO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2011/TC091A.pdf
2011	JCI-TC092A	Bond Models and Their Applications for Numerical Analyses	Hiroshi SHIMA, Toshiyuki KANAKUBO, Yuichi UCHIDA, Ken WATANABE	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2011/TC092A.pdf
2011	JCI-TC093A	Performance-based Design and Utilization of Precast Concrete Products	Makoto HISADA, Yoshihisa NAKATA, Makoto KAWAKAMI, Masami ISHIKAWA, Tetsuya MATSUYAMA, Norikazu ONOZATO, Hajime ITO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2011/TC093A.pdf
2011	JCI-TC094A	Performance Evaluation of High Performance Expansive Concrete and System for Crack Control	Akira HOSODA, Minoru MORIOKA, Makoto TANIMURA, Tetsushi KANDA, Etsuo SAKAI, Toshiharu KISHI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2011/TC094A.pdf
2011	JCI-TC095A	Interpretation of Quality Standards and Testing Methods for Concrete	Michihiko ABE, Hiroshi WATANABE, Hiroshi JINNAI, Tadatsugu KAGE, Akira NISHIDA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2011/TC095A.pdf
2012	JCI-TC096FS	Concrete Properties under High Temperature and Fire Resistance of Concrete Structures	Takafumi NOGUCHI, Tsuyoshi MARUYA, Toru KANDA, Kenichi ICHISE, Kosuke FURUICHI, Shintaro MICHIKOSHI, Shoji NOJIMA and Takeshi MORITA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2012/TC096FS.pdf
2012	JCI-TC101A	Diagnosis Methodologies of Structural Health of Concrete Structures by Utilizing Advanced Inspection Techniques	Junichiro NIWA, Noboru YASUDA, Tomoaki TSUTSUMI, Masaki TAMURA, Shigehiko SAITO, Toshiro KAMADA, Mitsuyasu IWANAMI, Hitoshi HAMASAKI, Takahisa OKAMOTO and Kazuo YOKOZAWA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2012/TC101A.pdf
2012	JCI-TC102A	Evaluation of Concrete Shrinkage and its Effect	Hirohiko KAWANO, Takafumi NOGUCHI, Kei-ichi IMAMOTO, Toshiki AYANO, Koji MANO, Hideaki TANIGUCHI, Atsushi UENO and Tetsushi KANDA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2012/TC102A.pdf
2012	JCI-TC103A	the examination of the relationship between social environmental and concrete industrial system	Yoshitaka KATO, Takeshi IYODA, Masanori ITO, Masaro KOJIMA, Tomoya NISHIWAKI and Manabu KANEMATSU	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2012/TC103A.pdf
2012	JCI-TC104A	Innovative Application of Fiber Reinforced Cementitious Composites	Yoshio KANEKO, Minoru KUNIEDA, Toshiyuki KANAKUBO and Yusuke KURIHASI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2012/TC104A.pdf
2012	JCI-TC105A	Shrinkage Effect Evaluation based on Durability Mechanics	Ryoichi SATO, Takumi SHIMOMURA, Isao UJIKE, Ipppei MARUYAMA, Kenichiro NAKARAI, Tsutomu KOMURO and Tetsuya ISHIDA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2012/TC105A.pdf
2013	JCI-TC111A	Evaluation Method of Crack Propagation of Concrete Structures	Hikaru NAKAMURA, Keiichi IMAMOTO, Kohei NAGAI, Takeshi WATANABE, Ipppei MARUYAMA, Toshihide SAKA and Yoshihito YAMAMOTO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2013/TC111A.pdf
2013	JCI-TC112A	Systematization to Evaluate Structure and Durability Performance in Corroded RC Structure	Tetsuya MISHIMA, Takashi YAMAMOTO, Hideki OHSHITA, Toshiyuki KANAKUBO, Minoru KUNIEDA and Yasuhiko SATO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2013/TC112A.pdf
2013	JCI-TC113A	Evaluation of Influence for Performance and Execution of Concrete with Mineral Admixtures	Shigeyuki SOGO, Hirohiko KAWANO, Takafumi NOGUCHI, Ryuichi CHIKAMATSU, Shingo MIYAZAWA, Hiroyasu NARUSE and Kenrou MITSUI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2013/TC113A.pdf

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2013	JCI-TC114A	Improvement of Quality of Concrete Structures Based on Database	Takahiro TAMURA, Akira HOSODA, Hideaki NAKAMURA, Makoto NINOMIYA, Ichiro IWAKI, Tetsuya ISHIDA, Yasushi TANAKA and Tetsushi KANDA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2013/TC114A.pdf
2014	JCI-TC115FS	Diagnosis of ASR-affected Structures	Kazuo YAMADA, Yuichiro KAWABATA, Yoshimori KUBO, Hiroki GODA, Yasutaka SAGAWA, Shinichi HIRONO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2014/TC115FS.pdf
2014	JCI-TC121A	The use of Sea Water in Concrete	Nobuaki OTSUKI, Hidenori HAMADA, Nobufumi TAKEDA, Kei-ichi IMAMOTO, Toru YAMAJI, Takashi HABUCHI and Takahiro NISHIDA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2014/TC121A.pdf
2014	JCI-TC122A	Historiography and Organization of Researches in Concrete Technology	Kei-ichi IMAMOTO, Tetsuya ISHIDA, Naoki MISHIMA, Akira HOSODA, Ippei MARUYAM, Manabu KANEMATSU, Masaki TAMURA, Kenzo WATANABE, Masami ISHIKAWA, Tsuyoshi SAITO, Shingo MIYAZAWA, Tomoya NISHIWAKI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2014/TC122A.pdf
2014	JCI-TC123A	Traceability System of Concrete	Hisashi SUGIYAMA, Hiroshi WATANABE, Satoshi ARIKAWA, Takaaki OHKUBO, Hideaki NAKAMURA, Hideaki SUMIKURA, Satoshi WATANABE, Naoki ARAGANE, Satoshi FUJIMOTO and Hiroshi UEDA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2014/TC123A.pdf
2014	JCI-TC124A	The Containment of Radioactive Contaminants and Safe Use of Concrete Materials	Yoshinori KITSUTAKA, Shigeyuki SOGO, Koichi MAEKAWA, Keiichi IMAMOTO, Kenichiro NAKARAI, Kazuo YAMADA, Shinnichi MIYAZATO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2014/TC124A.pdf
2015	JCI-TC125FS	Feasibility of Establishment of Infra-dock for Concrete Structures	Masayasu OHTSU, Keiichi IMAMOTO, Hiroshi UEDA, Takahisa OKAMOTO, Tomoki SHIOTANI, Hitoshi HAMASAKI, Kazuo YOKOZAWA, Takeshi WATANABE	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2015/TC125FS.pdf
2015	JCI-TC131A	Establishment of Construction Standards and Quality Assurance System for Performance-based design of Porous Concrete	Shigemitsu HATANAKA, Takahisa OKAMOTO, Satoshi KAJIO, Minoru KUNIEDA, Naoki MISHIMA, Takashi HIRAIWA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2015/TC131A.pdf
2015	JCI-TC132A	Effective Utilization of Concrete with High Volume Supplementary Cementitious Materials in Asian Region	Takafumi NOGUCHI, Hiroshi WATANABE, Tadatsugu KAGE, Eisuke NAKAMURA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2015/TC132A.pdf
2015	JCI-TC133A	Technological Standards of Concrete and its use	Hiroyuki TANANO, Hitoshi HAMAZAKI, Hirohisa KOGA, Atsushi UENO, Tadatsugu KAGE	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2015/TC133A.pdf
2015	JCI-TC134A	Systematization of Electrochemical Measurement based on Physicochemical Theory	Toshinobu YAMAGUCHI, Yoshitaka KATO, Shinichi MIYAZATO, Manabu KANEMATSU, Hiroshi MINAGAWA, Hiroyuki KOBAYASHI, Makoto YAMAMOTO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2015/TC134A.pdf
2016	JCI-TC141A	Functions and Techniques for Controlling of Air Voids in Concrete	Yukio HAMA, Hidehiko OGATA, Daisuke HAYASHI, Minoru ABA, Noboru YUASA, Daiki ATARASHI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2016/TC141A.pdf
2016	JCI-TC142A	Establishment of Evaluation Method for Durability and Advanced Design of Post-installed Anchor in Concrete	Minoru KUNIEDA, Katsuhiko NAKANO, Hitoshi HAMASAKI, Hirohisa KOGA, Naoshi UEDA, Munemori TAKAHASHI, Tomoaki SUGIYAMA, Yasuhiko SATO	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2016/TC142A.pdf
2016	JCI-TC143A	Comprehensive Verification Methods for Shear Action in Concrete Structures	Tadatomo WATANABE, Hiroshi KURAMOTO, Shigehiko SAITO, Kohei NAGAI, Koshiro NISHIMURA and Takeshi MAKI	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2016/TC143A.pdf
2016	JCI-TC144A	Establishment of PDCA Cycle for the Construction of High Quality Concrete Structures	Toshiki AYANO, Tsuyoshi MARUYA, Yasumichi KOSHIRO, Yoshitomo YAMADA, Hiroshi MINAGAWA	https://www.jci-net.or.jp/j/publish/research/tcr/tcr2016/TC144A.pdf