

---

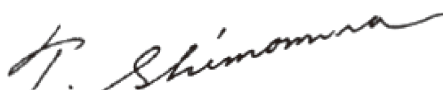
---

## PREFACE

The *National Report of Japan on Structural Concrete 2018* was compiled to share major new concrete structures and buildings constructed over the past four years and their associated technologies with a broad global audience on the occasion of The International Federation for Structural Concrete 5th International *fib* Congress, to be held in October 2018 in Melbourne, Australia. Japan has presented national reports previously at the 13th FIP Conference (1998, Amsterdam), the 1st *fib* Congress (2002, Osaka), the 2nd *fib* Congress (2006, Naples), the 3rd *fib* Congress (2010, Washington, D.C.), and the 4th *fib* Congress (2014, Mumbai). For the first time, this edition of the report was written jointly by the Japan Prestressed Concrete Institute (JPCI) and the Japan Concrete Institute (JCI), both of which are Japanese national group members of *fib*. The contents range from descriptions of prestressed concrete bridges and concrete buildings awarded prizes by these institutes to the guidelines they have established, along with overviews of their committee activities. Our hope is that this report will serve not only to showcase some of Japan's outstanding concrete structures and buildings, but also to introduce these two organizations and their activities to a global audience.

We extend our deepest gratitude to the authors, the JCI and JPCI secretariats, and the members of the editorial committees for their efforts in preparing this report.

October 2018



Takumi SHIMOMURA  
Chair, JPCI National Report Editorial Committee



Yuichi UCHIDA  
Chair, JCI 2018 *fib* National Report Editorial Committee

---

### Editorial Committee of the National Report of JPCI

Chairman: Takumi SHIMOMURA  
Editor: Kimio SAITO, Hiroshi AKIYAMA

---

Member	
Ryohei IWAMI	Yosuke URAKAWA
Yu OHSHIMA	Shuhei ONO
Ryoichi KAWANAKA	Hidekatsu SEKIGUCHI
Hiroto TAKATSU	Hiroki TOMONARI
Kenichi NAKATSUMI	Tatsuya NIHEI
Satoshi HAYAKAWA	Takeshi HIROSE
Secretary	
Yoshihiko NISHIGAKI	Yoshinobu ISHIKAWA,
Kazunori YAMADA	

---

---

### Editorial Committee of the National Report of JCI

Chairman: Yuichi UCHIDA  
Editor: Yoshitaka KATO, Koichi KUSUNOKI, Yo HIBINO

---

Member	
Tomohiro IIDA	Kazumasa IMAI
Toshifumi KIKUCHI	Yukio KORI
Kuniaki SAKURAI	Fumio SEKI
Daisuke TSUKISHIMA	Masato TSUJINO
Daiki NAKAMIZO	Hiroaki HARADA
Yasuhiko MASUDA	Shuji YANAI
Yasuhiro YAMASHITA	Taira YAMAMOTO
Kazuhiro YOSHIHARA	
Secretary	
Toru KAWAI	Kazuhisa INOUE

---